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View of Vaughan's Seed Store Experimental Tulip Plantings in Oregon, Spring of 1939

Book for Florists

AUTUMN
1939

CHICAGO • VAUGHAN'S SEED STORE • NEW YORK

Bulbs Are a Buy This Fall

DO NOT MAKE THE MISTAKE of reducing flower and plant production. To realize a normal volume of sales, you **MUST** have goods to sell. The grower who reduces production, forces upon himself a loss of volume which he probably would not otherwise experience. He is guilty of over-caution, which is worse than over-expansion. A lessened volume rapidly increases unit costs because of fixed expense which cannot be reduced.

Wise management calls for the production of a normal quantity of goods, which will place the grower in position to make his usual sales volume, with a healthy increase possible in case of the revival in business and improved prices which every sign indicates.

We Pay Duties, Freight, Cases, Packing

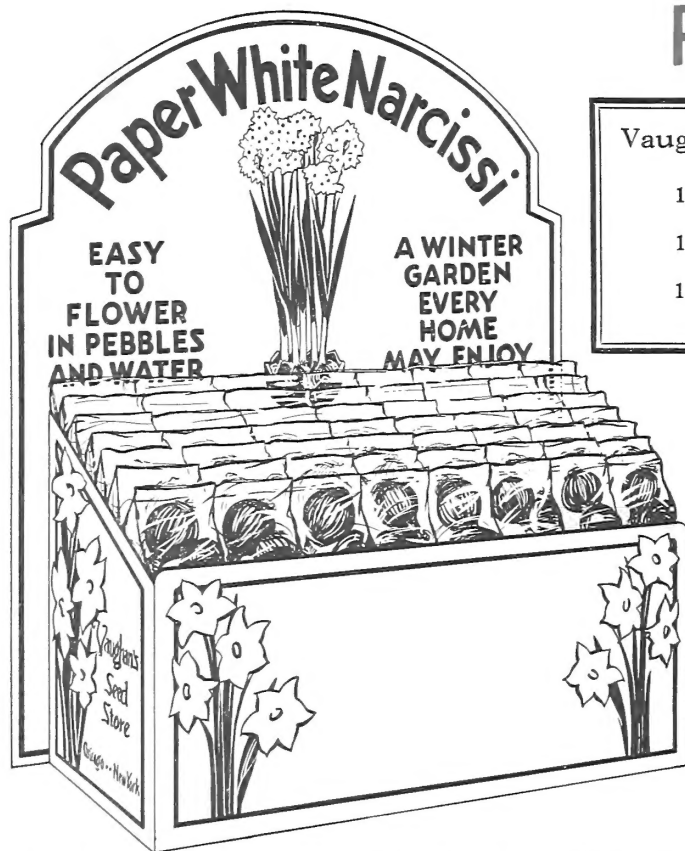
WHEN you buy Fall Bulbs of us, you are relieved of many annoying and expensive details connected with importation.

There is no advance payment of tariff and freight with other expenses. While our billing covers these items, they are much reduced on your order by savings due to large volume handling.

This saving is given to you. And in addition, you receive the benefit of superior quality which, as large cash buyers, we can command.

Oregon and Washington have again established minimum prices on narcissus bulbs, which maintains the same price level on top size northwestern grown stock, the only grade on which prices are quoted in this catalog. Bulbs from other sections may be offered at less, but not by us.

A Beautiful, Practical, Paper White Display



Paper White Display Box, 10x20 inches, holding 100 Cellophane Bags

Vaughan's Paper White Display Box as Illustrated,
together with

100 Cellophane Bags, each holding 3 bulbs, 13-14 ctm., (300 bulbs)	\$ 6.00
100 Cellophane Bags, each holding 3 bulbs, 14-15 ctm., (300 bulbs)	7.50
100 Cellophane Bags, each holding 3 bulbs, 15-16 ctm., (300 bulbs)	9.00

EVERY customer who enters your store is a prospect for a sale of Paper White narcissus bulbs. Here is a carefully designed, thoroughly tested method of displaying and selling them at a minimum of trouble and expense and the maximum of profit.

Florists cannot afford to sell inferior bulbs. Vaughan's bulbs of 13-14 ctm. circumference and up are of flowering size and highest quality. Three bulbs are enclosed in a cellophane bag which permits complete inspection, but prevents picking over of the individual bulbs, injurious handling and resultant waste. Every bulb we ship you can be sold at a profit.

Our Paper White display box, specially reinforced, decorated in black, red and green, will harmonize with your store display and sell its contents. It occupies 10 by 20 inches space, and one filling provides \$13 to \$20 sales at 100% profit. Why let chain stores get sales which should be yours?

CHICAGO
601 West Jackson Blvd.

Vaughan's Seed Store

NEW YORK
47-49 Barclay Street

ALL PRICES IN THIS CATALOG SUBJECT TO CHANGE WITHOUT NOTICE

BUYERS Give this Check List the "Once Over" When Ordering

This is a list of items most commonly used and needed by Greenhouse operators during the twelve months of the year. A glance at the list will probably recall any needs you might have forgotten which would inconvenience you later. It will also be a suggestion aid as to the possibilities of filling any empty benches. Included are a few hints regarding varieties, time of blooming, and culture. All items are listed in our "Books for Florists," but this will give you a quick check for any busy month. We are planning to print improvements on this in each Fall book if it is of any value to you. We would appreciate hearing your ideas. Better keep this for references until the next Fall issue.

ITEMS TO START IN JANUARY

FLOWER SEEDS

Acroclonium (for cutting)
Agathe (for cutting)
Ageratum (Blue Cap Reselected)
Aloe Variegata (for pot culture)
Antirrhinum (for cutting)
Asparagus Sprengerii
Plumosa Nanus
Balsam (Bush var.) (for pot culture)
Begonias
Browallia (for pot culture)
Calendula (for cutting)
Candytuft (for cutting)
Campanula (Annual, for pot culture)
Carnation (Annual, for plants)
Centaurea Candidissima (Dusty Miller)
Gymnocarpa (Dusty Miller)
Cyanus (for cutting)
Chrysanthemum (Annual)
Cineraria Maritima (Dusty Miller)
Clarkia (for cutting)
Cobaea Scandens
Coleus Glory
Cuphea
Cynoglossum (for cutting)
Dahlias Unwin (fine pot plants)
 (plant tubers for Mother's Day)
Daisy Bellis (B)
Dracaena Indivisa
Delphinium (P)
Exacum (for pot culture)
Gypsophila (Annual)
Impatiens (Fine for Shade)
Kalanchoe
Larkspur (Annual, for cutting)
Leptosyne (for cutting)
Linaria (for combination)
Lobelia
Marigolds
Mimulus (for pot culture)
Nemesia (for combination)
Nasturtiums
Nierembergia Hippomanica
 (for pot culture)
Pansies Super Maple Leaf Giants
 Mixed Largest Super Swiss Giants
 (color, range, size, earliness)
Pennisetum (Ornamental Grass)
Petunias
Penstemon (Sensation (Var.))
Phlox (Vaughan's Beauty Strain)
 (Combinations)
Salpiglossis (for cutting)
Salvia
Schizanthus (Vaughan's Master-piece)
Smilax
Solanum (Xmas Cherry or Pepper)

FLOWER SEEDS—Continued

Stocks Column and Branching
Strawberries (Baron Solemacher)
Sweet Peas (Early Spencer & Inter-mediate)
Torenia Geffion (for pot culture)
Verbena Dwarf (for combinations)
Vinca Rosea (plants)
Viola Cornuta

GREENHOUSE

Ageratum R.C.
Carnation R.C.
Hydrangea R.C.
Cyclamen Seedlings
Fancy Leaved Caladiums
Lantana 2 1/4'

BULBS

Amaryllis
Begonias (Tuberous Rooted)
Gladiolus
Gloxinias (Tuberous Rooted)
Hardy Lilies
Lilium Erabu
Lilium Giganteum
Tuberoses
Valley Pips

PERFUME

For Valentine's Day Sales

SUPPLIES

Aluminum Phosphate
Bamboo Stakes
Bone and Blood
Formaldehyde Dust
Handy, Sowrite Seed Model
Hormodin
Horn Shavings
Hose Couplings
Loma
Nikoteen
Paper Pots
Peat Moss
Pot Labels
Rootone
Rotogreen

VEGETABLE SEED

Cabbage
Cauliflower
Celery
Egg Plant
Parsley
Pepper
Radish
Tomatoes

Culture

Planted in January	Benching	Blooming	Culture
Agathe	July	Dec.-May	
Antirrhinum	March	April-June	Pinch February 15th.
Begonias (Seed)	Jan.	Aug.-Dec.	
Browallia	March	May-June	
Candytuft & Nemesia	Jan.	May-June	Sow directly in flats, bench.
Centaurea Cyanus	Feb.	April	One pinch.
Chrysanthemums (A)	March 1	May	
Clarkia	Jan.	April-May	Grow 2" or shallow flats. Poor soil.
Gloxinia	Jan.	Aug.-Sept.	Grow under partial shade.
Gypsophila	Jan. & every two weeks	March 15	Sow directly in flat or bench.
Kalanchoe 60°-65°	March	Dec. 1-15	Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M.
Kalanchoe 60°-65°	March	Christmas	Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.
Leptosyne	March 1	April-May	
Lupinus	Jan.	April	
Nasturtiums	Any date	8-10 wks. aft. starting	Use double Hybr.
Petunias	Jan.	April-June	
Salvia	Feb.	July-Aug.	Keep bushy.
Solanum	March	Berried Dec.	Pinch March.
Stocks	March	Memorial Day.	Grow below 50°.
Sweet Peas	Jan.	April-June	See August Culture
Torenia	Feb.	June-July	Pinch March.
Hydrangea (cuttings)	Feb.-April	Easter-June	Do not pinch later than July 1.
Gladiolus	Jan. 15.	May	
Lilium Giganteum	Jan. 1	April 15-30	Start 55°. Grow 65°-75°.
Lilium Giganteum	Jan. 15	April 25 to May 5	Start 55°. Grow 65°-75°.
Lilium Erabu	55°-60°	Better cool grower than Giganteum.	
Lilium Rubrum	Flowers about 5 1/2 months from date of planting.		
Lilium Album	Flowers about 5 1/2 months from date of planting.		
Lilium Tigrinum	Flowers about 5 1/2 months from date of planting.		
Lilium Auratum	Flowers about 5 months from date of planting.		

ITEMS TO START IN FEBRUARY

FLOWER SEEDS

Ageratum (Blue Cap Reselected)
Antirrhinum (Tom Thumb for combinations)
Asparagus Plumosus
Asparagus Sprengerii
Asters (for forcing)
Calendula
Campanula Annual
Candytuft (Dwarf for combinations)
Carnation Annual (for plants)
Centaurea Candissima (Dusty Miller)
Centaurea Cyanus
Dahlias Unwin (for plants)
Delphinium (P)
Dracaena Indivisa
Gypsophila Annual
Larkspur
Linaria (for combinations)
Marigold (Dwarf for combinations)
Maurandia (Vine for shady window boxes)
Mignonette (for cutting)
Mimulus (for pots)
Nasturtiums
Nemesia (Combination)
Nierembergia
Pennisetum (Ornamental grass)
Petunias
Phlox (Beauty Strain for combinations)
Poppies (Annual)
Primula Obconica
Salpiglossis (for cutting)
Salvia (for plants)
Stocks
Sweet Peas (Late varieties)
Thunbergia (Vine)
Torenia (for pot plants)
Verbena
Vinca Rosea (plants)
Zinnia (for cutting inside)

GREENHOUSE

Lantana 2 1/4'
Hydrangea R.C.
Chrysanthemum R.C.
Carnation R.C.

FLOWER SEEDS—Continued

Vinca R.C.
Ageratum R.C.
Verbena R.C.
Cyclamen Seedlings
Cannas
Dahlia

BULBS

Amaryllis
Begonias
Caladiums Esculentum
Gladiolus
Gloxinias
Hardy Lilies
Lilium Erabu
Lilium Giganteum
Valley Pips

SUPPLIES

Arsenate of Lead
Black Leaf 40
Bone & Blood
Bone Meal
Evergreen
Florafoil
Hormodin
Loma
Match Sticks
Paper Pots
Picks
Semesan
Small Bamboo Stakes
Snarol
Soil Tester
Vigoro

VEGETABLE SEED

Cabbage
Cauliflower
Celery
Egg Plant
Endive
Lettuce
Mushroom Spawn
Onion
Onion Sets
Parsley
Pepper
Radish
Tomato

PERFUME

Planted in February	Benching	Blooming	Culture
Asters	March 10	June-July	Lighted Feb. 10 on Use late var.
Marigolds	April 1	May 15	Grow restricted containers. Dry side.
Primula	April	October	Do not use peat.
Stocks	April	June	Grow below 50°.
Sweet Peas	February	May-June	See August culture.
Hydrangeas take cuttings	Feb.-April	Easter-June	(Latest pinch July 1, Pots)
Gladiolus	Feb.	May-June	
Lilium Giganteum	Feb. 1	May 5-15	Start 55°. Grow 65°-75°.
Lilium Giganteum	Feb. 15	May 15-30	Start 55°. Grow 65°-75°.
Lilium Erabu	Better than	Giganteum for cool growing.	
Hardy Lilies	See January		
Begonias Tuberous	Feb.	June-Aug.	
Gloxinias Tuberous	Feb.	June-Aug.	

ITEMS TO START IN MARCH

FLOWER SEEDS

Aloe Variegata (for pots)
Alyssum
Antirrhinum (for plants)
Asparagus Plumosus
Asparagus Sprengerii
Asters (for forcing)
Calendula
Cardinal Climber
Clarkia (for cutting)
Celosia (Dwarf for combinations)
Centaurea Cyanus (outside)
Dahlia Unwins
Delphinium
Dimorphotheca (for plants)
Dracaena
Gomphrena (Combination pots)
Grevillea Robusta (Filler)
Gypsophila (A)
Helicophyllum
Ipomea Clarks Early Heavenly Blue.
Larkspur (outside)
Lupinus
Marigolds
Mesembryanthemum (pots)
Nasturtiums
Petunias
Phlox (Beauty Strain for combinations)
Primula Obconica
Primula Sinensis
Salpiglossis
Salvia
Scabiosa
Solanum
Statice Sinuata
Sweet Peas (outside)
Thionia (Early Flowering)
Ursina (plants)
Venidium (plants)

FLOWER SEED—Continued

Verbena
Zinnia (for cutting inside)

VEGETABLE SEED

Beans
Carrots
Onion Sets
Peppers
Radish
Spinach
Turnip

SUPPLIES

Bamboo Stakes
Bone Meal
Bull Dog Clips
Chip Mats
Crepe Paper
Cyanogas
Evergreen
Floral Foil
Flower Potfoil
Glazine Material
Labels
Lethane
Loma
Match Sticks
Nicofume
Pot Tie
Raffia
Soil Tester
Stake Fasteners
Tinsel Ribbon
Twine

GREENHOUSE

Buddlea
Cannas
Dahlias
Chrysanthemum R.C.
Daisy Chiffon
Fancy Leaved Caladiums
Hydrangea R.C.
Tritoma

ITEMS TO START IN MARCH—Continued

BULBS

Begonias
Caladiums Esculentum
Cinnamon Vines
Gladiolus
Gladiolus Display Case
Gloxinias
Hardy Lilies
Ismene
Leucocoryne
Lilium Erabu

BULBS—Continued

Lilium Giganteum
Madeira Vines
Montbretias
Ranunculus
Tuberose
Valley Pips

GRASS SEED

PERFUME

Planted in March

Antirrhinum
Asters
Gerbers
Primula
Zinnias
Lilium Giganteum
Lilium Giganteum
Lilium Erabu
Hardy Lilies
Primula Sinensis
Begonias (bulbs)
Gloxinias

Benching

May 15
May 15
Aug.
May
April
March 1
March 15
See January culture.
May
March
March

Blooming

July & later
July
Oct.-June
Dec. 25
May 20-June
June 1-10
June 10-30
Better for cool growing than Giganteum.
April on in 5" pots.
June-Aug.
June-Aug.

Culture

Do not pinch.
Use fresh seed only.
Do not use peat.
Start 60°. Grow 65°-80°.
Start 60°. Grow 65°-80°.
60°-65°.
60°-65°.

ITEMS TO START IN APRIL

FLOWER SEEDS

Asparagus Sprengeri
Plumose Nanas
Asters
Balsam Bush var.
Calendula
Celosia
Centaurea Annual Sorts
Cosmos
Delphinium (P)
Dianthus Annual Pinks
Euphorbia Variegata (for cutting filler)
Gaillardia (A)
Gypsophila (A)
Ipomea Heavenly Blue (Clarks early)
Lupinus (A)
Marigolds
Nasturtiums
Nicotiana
Primula Obconica
Primula Sinensis
Saponaria "Pink Gypsophila"
Scabiosa
Statice Sinuata
Strawflower Helichrysum
Tithonia (Early Flowering)
Zinnia

VEGETABLE SEED

Asparagus Roots
Kohlrabi
Onion Sets

GRASS SEED

Plant in April
Annual Gypsophila
Asters (late April)
Lupinus
Primula
Zinnias 1st
Zinnias 15th
Lilium Giganteum
Lilium Giganteum
Mums. R.C. & Poms
Mums. R.C. & Poms

Benching

Flatted May 15
June 1
April
June
Early April
Late April
April 1
April 15
June
June

Blooming

June-July
July
May 30
Jan.-Feb.
May 20-June 1
June 1-June 10
July 1-15
July 15-30
Oct.-Jan.
Dec.-Feb.

Culture

Do not use peat.
Start 60°. Grow 65°-85°.
Start 60°. Grow 65°-85°.
Lights started Aug. 10.
Use strong growing var.

Garza and late Poms. R.C.
Late Mums R.C.

ITEMS TO START IN MAY

FLOWER SEEDS

Antirrhinum Ghse. var.
Asparagus Plumosus
Asparagus Sprengeri
Calendula (outside for cut)
Campanula medium sorts (B)
Delphinium (P)
Digitalis (B)
Exacum (pots and combinations for Fall on)
Forget-me-not (For Jan. flwg. Early Blue Bird)
Gourds
Gypsophila (A) (for cutting)
Lupinus Annual (outside)
Primula Malacoides
Primula Obconica
Scabiosa (outside for cutting)
Zinnias (outside for cutting)

BULBS

Erabu
Gladiolus
Giganteum

Hardy Lilies
Ismene
Tuberose

Plant in May
Primula Obconica
Zinnias
Lilium Giganteum
Lilium Giganteum
Hardy Lilies
Poinsettias

Benching

July
Jan. & later
May 1
May 15
See January culture.
Make cuttings in July-Aug.

Blooming

Jan. & later
June 10-20
Aug. 1-10
Aug. 10-25
Jan.-Feb.
Dec.-Feb.

Culture

Start 62°. Grow 65°-85°.
Start 65°. Grow 70°-85°.
Pinch not later than Sept. 1 for Dec. 25 blooming, 65.

Garza & later Poms. R.C.
Late Mums

SUPPLIES

Bamboo Stakes
Bone & Blood
Bone Meal
Cyanogas
Galvanized Wire Stakes
Insecticides (resale)
Lethane & Spreader
Loma
Nicofume
Nitrophoska
Raffia
Red Arrow
Sheep Manure
Volck

GREENHOUSE

Begonias 2 1/4"
Chrysanthemum R.C.
Geranium R.C.
Poinsettias Stock Plants

PERFUME

Plant in May
Primula Obconica
Zinnias
Lilium Giganteum
Lilium Giganteum
Hardy Lilies
Poinsettias

Benching

July
Jan. & later
May 1
May 15
See January culture.
Make cuttings in July-Aug.

Blooming

Jan. & later
June 10-20
Aug. 1-10
Aug. 10-25
Jan.-Feb.
Dec.-Feb.

Culture

Start 62°. Grow 65°-85°.
Start 65°. Grow 70°-85°.
Pinch not later than Sept. 1 for Dec. 25 blooming, 65.

ITEMS TO START IN JUNE

FLOWER SEEDS

*Achillea (P)
Alyssum Saxatile (P)
*Anthemis (P)
Antirrhinum (Greenhouse var.)
*Aquilegia
Arabis (P)
Asparagus Plumosus
Asparagus Sprengeri
*Asters (Wartburg Star) (P)
Aubrietia (P)
Begonias (for Xmas plants)
Calceolaria
Campanula Calycanthema (B)
Candytuft
*Carnation (P)
Cineraria
*Coreopsis (P)
Cyclamen
*Centaurea (P)
*Daisy Shasta (P) Single & Double
*Delphinium (P)
*Dianthus Barbatus (B)
Digitalis (B)
*Doronicum (P)
Dracaena Indivisa
Gloxinia
*Gaillardia (P)
*Gypsophila (for cutting) (A)
*Helenium (P)
Helianthemum (P)
Heuchera (P)
Lunaria (P)
*Lupinus (P)
Lynchis (P)
*Matricaria (P)
Primula Chinese
Primula Malacoides
Primula Obconica
*Pyrethrum (P)

Plant in June

Antirrhinum
Cinerarias
Lupinus
Double Snaps cuttings June 15
Sweet Peas
Lilium Giganteum
Lilium Giganteum
Hardy Lilies

Benching Blooming

August Dec.
August Early Jan. on
June Jan.-Feb.
Aug. Jan. & later
June Sept. & Dec.
June 1 Aug. 25-Sept. 10
June 15 Sept. 10-25
See January culture.

Culture

Pinch to 3 or 4 sets of leaves, no higher to avoid spindliness.
Do not pinch.
Small pots outdoors bench in Sept.
Run rows N. & S. for winter blooming. See Aug. culture.
Start 65°. Grow 70°-85°.
Start 65°. Grow 70°-85°.

ITEMS TO START IN JULY

FLOWER SEEDS

Agathe
Anchusa (P)
*Anthemis (P)
Antirrhinum
Armeria (P)
Asparagus Plumosus
Asparagus Sprengeri
Begonia (for Xmas plants)
Bellis (B)
Calceolaria
Calendula
Campanula (B)
*Centaurea Perennial vars.
Cineraria
Clarkia
Cyclamen
*Daisy Shasta (Single & Double)
*Delphinium (P)
Dianthus Plumarius
Didiscus Coeruleus Improved
Digitalis (B)
Dracaena Indivisa
*Gaillardia (P)
Geum (P)
Gypsophila
*Helenium (P)
Heuchera (P)
Hollyhocks (P)
*Liatris (P)
*Lupinus (P)
Lynchis (P)
Marigold (Ghse. var.)
*Matricaria (Feverfew)
Mignonette
Myosotis (P)
Nasturtiums
Pansies (outside for spring plants)

Planted in July

Antirrhinum
Boston Yellow Daisies
Boston Yellow Daisies
Boston Yellow Daisies
Calceolaria
Calceolaria
Calendula
Cineraria
Feverfew (Matricaria)
Mignonette
Pansy
Primula Obconica
Primula Sinensis
Stocks
Stocks
Sweet Peas
Lilium Giganteum
Lilium Giganteum
Hardy Lilies

Benching Blooming

Aug. Xmas & later
Nov. 15 Feb. on
Nov. 1 Jan. 15 on
Oct. 1 Dec.-March
Sept. Feb.-March
Sept. Easter-Mothers Day
Sept. November
Sept. Jan.-Feb.
Sept. Feb.-April
Sept. Nov.-Feb.
Oct. Nov. on
Sept. April on
Sept. April on 3" pots.
Aug. 15. Xmas & later Use early var. Grow below 50° for setting buds.
Sept. Jan.-Feb. Grow below 50° for setting buds.
Oct.-Feb. See August culture.
July 1 Sept. 25-Oct. 10
July 15 Oct. 10-25

Culture

Pinch about Aug. 30 to 3 or 4 sets of leaves.
Start cuttings.
Lighted start cuttings.
Lighted start cuttings.
Lighted.
Easter-Mothers Day.
Do not pinch.
Lighted.
Do not pinch. Disbud.
Start 70°. Grow 75°-90°.
Start 70°. Grow 75°-90°.

FLOWER SEEDS—Continued

*Scabiosa (P)
Statice (P)
Sweet Peas (early Flwg.)
Viola Cornuta (B)
Wallflower
*Starred perennial varieties are valuable for cutting besides plant sales.
(A) means Annual; (B) means Biennial; (P) means Perennial.

BULBS

Gladiolus
Lilium Giganteum
Lilium Album
Lilium Rubrum
Valley Pips

GREENHOUSE

Bouvardia 2 1/4"
Chrysanthemum R.C.
Gaillardia Sun God
Table Fern Seedlings

SUPPLIES

Bone Meal
Hose & Couplings
Insecticide Refills
Loma
Nicofume
Oxo Bordeaux
Pomo Green
Red Arrow
Sulfate of Aluminum
Sulfate of Ammonia
Super Phosphate
Vigoro

PERFUME AND COLOGNE

ITEMS TO START IN AUGUST

FLOWER SEEDS

Antirrhinum
 Aloe Variegata (pot plant)
 Asters (see culture)
 Begonia
 Bellis (B) (Spring plants)
 Browallia (for cutting)
 Calceolaria
 Calendula
 Centaurea Cyanus
 Cineraria
 Clarkia (for cutting)
 Cyclamen
 Delphinium (outside for Spring plants)
 Didiscus Coeruleus Improved
 Exacum Affine (pot plant)
 Larkspur (for cutting)
 Leptosyne (for cutting)
 Lupinus Hartwegi (for cutting)
 Marigolds (for cutting)
 Mignonette (for cutting)
 Myosotis (for cutting)
 Nasturtiums
 Nemesis (cutting and combinations)
 Pansy (Both greenhouse and outside varieties)
 Primula Malacoides

FLOWER SEEDS—Continued
 Schizanthus (pots, combinations, cutting)
 Statice Suworowii (cutting)
 Sweet Peas (Early)
 Venidium (cutting)
 Viola (B) (Spring plants)

LAWN SEED

PERFUME

SUPPLIES

Aluminum Phosphate
 Bamboo Stakes
 Bone & Blood
 Lethane
 Loma
 Pot Labels
 Red Arrow
 Sheep Manure
 Soil Shredder
 Sphagnum Moss
 Super Phosphate
 Volk

BULBS

Freesias
 Lilium Giganteum
 Valley Pips

Planted in August Benching Blooming

	Oct.	Feb.-April	Pinch Oct. 1 to 3 or 4 sets of leaves.
Antirrhinum	Oct.	Feb.-April	Lighted.
Asters	Oct.	March-April	Lighted.
Calceolaria	Oct.	Mothers Day	42°-45° Pinch.
Calendulas	Oct.	Feb.-March	48°-50°.
Calendulas	Oct.	Dec.-Feb.	Do not pinch.
Cineraria	Oct.	Feb.-March	55°-60° for germination.
Cyclamen	Aug.	Nov.-Feb.	Do not pinch.
Didiscus	Oct. 1	Feb.-April	Lighted.
Leptosyne	Oct.	Jan.-May	Lighted.
Marigolds			
(Winter flwg.)	Sept. 15	Nov.-Jan.	
Mignonette	Oct.	Dec.-March	Do not pinch. Disbud.
Nemesis	Oct.	Oct.-Feb.	Poor soil. Dry side.
Pansies	Nov. 1	Dec.-March	Lighted.
Primula Malacoides	Oct.	March & later	
Schizanthus	Oct.	Christmas	Pinch until Oct. 15.
Statice	Dec.	Feb.	
Stocks	Oct.	Jan. 15-Feb. 15	Grow below 50° for setting buds.
Stocks	Oct. 15	Jan. 20 on	Lighted. Grow below 50° for setting buds.
Sweet Peas	Aug.	Dec.	Run rows N. & S. for winter bloom. Use sterilized soil low nitrogen. Avoid watering in dark weather to prevent buds dropping. Suggest furrows between rows for irrigation to avoid getting water on plants and fertilizing.
Freesia (bulbs)	Aug.	Dec.-Jan.	
Lilium Giganteum	Aug. 1	Oct. 25-Nov. 10	Start 70°. Grow 70°-80°.
Lilium Giganteum	Aug. 15	Nov. 10-30	Start 70°. Grow 70°-80°.

ITEMS TO START IN SEPTEMBER

FLOWER SEEDS

Aloe Variegata (pot plant)
 Antirrhinum
 Begonia
 Browallia (for cutting)
 Calceolaria
 Calendula
 Centaurea Cyanus
 Chrysanthemum (A) (for cutting)
 Cineraria
 Clarkia (for cutting)
 Cynoglossum (Chinese Forget-me-not)
 Didiscus Coeruleus Imp. (for cutting)
 Dimorphotheca (for cutting)
 Godetia (for cutting)
 Gypsophila (A)
 Larkspur (A)
 Leptosyne (for cutting)
 Lupinus (A)
 Marigolds
 Matricaria (Feverfew) (see culture)
 Mignonette
 Myosotis
 Pansy
 Primula Malacoides
 Salpiglossis
 Schizanthus
 Stocks
 Sweet Peas (Early)
 Vinca Rosea

FLOWER SEEDS—Continued

Crocus
 Display Paper Whites
 Display Tulips
 Freesias
 Hyacinths
 Iris
 Ixias
 Lilium Giganteum
 Lilium Harrisii
 Muscari
 Narcissus
 Paper Whites
 Ranunculus
 Scillas
 Snowdrops
 Soleil D'or
 Tulips

GREENHOUSE

Cinerarias 2 1/4"
 Lantana R.C.
 Polyantha Roses
 Primula Ericksoni 2 1/4"

SUPPLIES

Bone & Blood
 Loma
 Magic Pot Covers
 Peat Moss
 Raffia
 Ruscus
 Super Phosphate

PERFUME

Planted in Sept.	Benching	Blooming	Culture
Antirrhinum	Nov. 1	May-June	Pinch back to 3 or 4 sets of leaves.
Calendulas	Oct.	Feb.-March	42°-45° Pinch.
Calendulas	Oct.	Dec.-Feb.	48°-50° Pinch.
Centaurea Cyanus	Nov. 15	Mar. 15-later	Lighted.
Chrysanthemums (A)	Nov. 1	March 1 later	Lighted.
Chrysanthemums (A)	Nov. 15	April 15 on	Lighted.
Cineraria	Sept.	April-May	Do not pinch.
Cynoglossum		March-April	Shallow bench 45°.
Didiscus	Nov. 15	April-May	Lighted.
Feverfew (Matricaria)	Nov. 15	April-May	Lighted.

Planted in Sept.

Benching Blooming

Culture

Godetia	Oct. 15	Jan.	Shallow bench, one pinch.
Leptosyne	Nov. 1	Feb.-May	Lighted.
Lupinus	Sept. 10	Jan.-Feb.	
Marigolds	Sept. 20	Oct.-Nov.	Restricted container, dry side. Do not pinch.
Mignonette	Nov.	Jan. 15-April	Do not pinch. Disbud. Sow several seeds 2" pot
Nemesis	Oct.	Feb.	Medium heavy poor soil.
Pansies	Nov. 1	Dec.-March	Lighted.
Schizanthus	Nov.	Jan.-Feb.	One pinch
Stocks	Oct. 22	Feb. 1	Lighted.
Stocks	Oct. 15	Jan. 20 on	See August Culture
Sweet Peas	Sept.	Dec.-March	Pinch Jan. or Feb.
Lantana cuttings	Sept.	May	
Marguerites (Chry. Frutescens)	Nov.-Dec.	Feb.-June	One pinch.
Freesia bulbs	Sept.	Jan.-Feb.	
Anemones Bulbs	Sept.	Jan.-March	
Ixias	Sept.	Feb. & later	
Lilium Giganteum C.S.	Sept. 1	Dec. 1-15	Start 65°. Grow 70°-85°.
Lilium Giganteum C.S.	Sept. 15	Dec. 15-30	Start 65°. Grow 70°-85°.
Hardy Lilies		See January Culture.	

ANNUAL FLOWER SEEDS FOR FALL SOWING

Antirrhinum	Dianthus (Annual pinks)
Calendula	Gilia Capitata
Calliopsis	Gypsophila
Candytuft	Hunnemannia
Centaurea Cyanus	Larkspur
Cosmos	Mignonette

Cynoglossum (Chinese Forget-me-not) Poppy Shirley

The earliness of bloom, and the economy of growing compared to plants started in the Greenhouse, makes the sowing of certain annuals in the Fall a good gamble for Florists who can use summer cut flowers. Larkspur is a particularly good item for this culture. This method avoids transplanting, which is often difficult with Larkspur. Early plants grow better due to cooler weather, and the early flowers do not shatter as easily as those blooming during the hot spells.

When you sow seeds of annuals in Fall, you imitate Nature's method. Practically all hardy annuals will produce stronger, sturdier plants with earlier bloom by this method. Do not be in too much of a hurry to sow. The ideal time is just before the ground freezes for winter. November 15th is early enough in normal seasons in the vicinity of Chicago and New York. If the ground has been prepared in advance, sowings can also be made during winter thaws. A cold frame makes a good place to grow.

A fine seed bed is desirable. No covering of any kind is needed unless there is danger of washing or from birds, in which case a light, loose covering can be used. Plant at half the depth used when sowing seed in Spring. Broadcast all small seed. South of the Mason-Dixon line, sowing should be delayed until the late February and early March thaws.

ITEMS TO START IN OCTOBER

FLOWER SEEDS

Antirrhinum
 Begonia
 Calendula
 Candytuft (for cutting)
 Centaurea Cyanus
 Chrysanthemum (A)
 Cineraria
 Clarkia (for cutting)
 Delphinium (P)
 Didiscus Coeruleus Imp. (for cutting)
 Gypsophila (A)
 Larkspur (A)
 Lilium Formosanum
 Lupinus (A)
 Matricaria (Feverfew)
 Nemesis (cutting and combinations)
 Salpiglossis (cutting)
 Schizanthus
 Shamrock
 Statice Suworowii
 Stocks
 Sweet Peas (Intermediate and Early strains)
 Torenia (plants)
 Vinca Rosea (plants)
 Wallflower Dbl. Early Wonder (B)

FLOWER SEEDS—Continued

Hyacinths
 Iris
 Leucocoryne
 Lilium Creole (Exc. occasionally good for early cut Lilies)
 Lilium Erabu
 Lilium Giganteum
 Lilium Harrisii
 Muscari (Grown in Flats for cut)
 Narcissus
 Ornithogalum Arabicum
 Paper Whites
 Ranunculus
 Scillas
 Snowdrops
 Spiraeas
 Tulips
 Valley Pips

GREENHOUSE

Ageratum R.C.
 Azaleas
 Boston Yellow Daisy R.C.
 Hydrangeas
 Primula 2 1/4"

NURSERY

Polyantha Roses for Easter

BULBS

Anemone
 Calla Lilies
 Candidum Lily
 Crocus
 Freesias
 Hardy Lilies

SUPPLIES

Loma
 Magic Pot Covers

PERFUME

Planted in October	Benching	Blooming	Culture
Calendulas	Dec. 1	March & later	42°-45° Pinch.
Chrysanthemums (A)	Dec. 1	April-June	Pinch Dec. 20.
Lilium Formosanum		July-Sept.	Pot seedlings in 2 1/4 in. pots when large enough to handle and plant out in May.
Statice Suworowii		Feb.-May	Shallow light soil 45°.
Stocks	Dec. 1	April on	40°-45°.
Sweet Peas	Oct.	Feb.-May	See August culture.
Wedgewood Iris	Late Oct.	Jan.-Feb.	Use precooled bulbs for late Dec. bloom'g.
Imperator Iris	Late Oct.	Feb.-March	
Leucocoryne	Oct.	Dec.-Feb.	48°-50°.
Lilium Giganteum (New)	Oct. 1	Jan. 1-15	Start 60°. Grow 65°-80°.
Lilium Giganteum (New)	Oct. 15	Jan. 15-30	Start 60°. Grow 65°-80°.
Hardy Lilies		See January culture.	

ITEMS TO START IN NOVEMBER

FLOWER SEEDS

Antirrhinum
Begonias
Browallia (cutting)
Calendula
Candytuft (for cutting)
Chrysanthemum (A)
Clarkia
Cuphea (plants)
Didiscus *Coeruleus* Imp. (for cutting)
Gypsophila *Elegans* *Grandiflora*
Larkspur (A)
Lilium Formosanum
Lupinus (A)
Matricaria
Pansy
Petunia All Double (Sow now for Mother's Day, 4-5" pots)

Crocus
Hardy Lilies
Hyacinths
Lilium Creole (Exceptionally good for early cut Lilies)
Lilium Erabu
Lilium Giganteum
Muscari (for cut or pots)
Narcissus
Ornithogalum Aureum
Ornithogalum Arabicum
Paper Whites
Scillas
Snowdrops
Tulips
Valley Pips

SUPPLIES

Bamboo Stakes
Bouquet Green
Chip Mats
Crepe Paper
Ducky Pot Tie
Magic Pot Covers
Napthalene
Nitrophoska
Sulphate of Iron
Tinsel Ribbon

NURSERY

Polyanthus Roses

PERFUME

Culture

GREENHOUSE

Calceolaria 2 1/4"
Fuschia 2 1/4"
Hydrangeas
Lantana 2 1/4"

Planted in November

	Benching	Blooming
Antirrhinum	Jan. 15	March-June
Calendulas	Jan.	April-May
Gypsophila	Dec. 1	March
Larkspur	Jan.	April-May
Lilium Formosanum		See October Culture.
Stocks	Jan.	April-May
Sweet Peas	Nov.	March-May
Lilium Giganteum N.C.		Easter
Polyanthus Roses		Easter
Polyanthus Roses		Mother's Day

Lilium Erabu New Crop Nov. 1 Feb. 1-15
Lilium Erabu New Crop Nov. 15 Feb. 15-28

ITEMS TO START IN DECEMBER

FLOWER SEEDS

Ageratum
Aloe Variegata (for pots)
Antirrhinum (for cutting)
Asters (for Greenhouse forcing)
Begonias
Browallia
Calendula
Candytuft (for cutting)
Centaurea Cyanus
Chrysanthemum (A) (for cutting)
Clarkia (for cutting)

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FLOWER SEEDS—Continued

Coleus
Dahlia Unwins (for pots)
Gloxinia
Godetia (for cutting)
Gypsophila
Heliotrope (for pots)
Larkspur (A)
Marigolds (for cutting)
Matricaria (Feverfew)
Nemesia (for cutting and combinations)
Petunia All Double
Phlox (Dwarf sorts for combinations)
Salpiglossis
Salvia
Schizanthus
Stocks
Sweet Peas (Intermediates & Early Spencers)
Torenia
Verbena
Venidium (for cutting)
Vinca Rosea

NURSERY

Polyanthus Roses

GREENHOUSE

Ageratum R.C.
Buddleia 2 1/4"

SUPPLIES

Holly
Holly Wreaths
Prepared Wreaths
Ruscus
Statice
Thermometers

BULBS

Amaryllis
Chinese Paper Whites
Hardy Lilies
Lilium Erabu
Lilium Giganteum
Paper Whites
Soleil D'Or
Valley Pips

PERFUME

Culture

	Benching	Blooming	Culture
Asters Queen Market	Feb. 1	April-May	Lighted Dec. 10 to flowering.
Asters Royal, Crego and American Branching	Feb. 1	May-June	Lighted Dec. 10 to flowering.
Calendula	Feb. 1	April-May	Pinched Feb. 15th.
Candytuft	Flatted late Jan.	May-June	Use poor soil, keep on dry side.
Centaurea Cyanus	Feb.	April & later	
Chrysanthemum (A)	Feb. 1	May-July	Pinched Feb. 15th.
Clarkia	Flatted late Jan.	May	Use poor soil, keep on dry side.
Feverfew (Matricaria)	Feb.	May-June	
Gloxinia (Seed)	Dec.-Jan.	August	60°-65°. Grow in shade.
Godetia	Flatted late Jan.	June	Use poor soil, keep on dry side.
Nemesia	Flatted late Jan.	May	Use poor soil, keep on dry side.
Phlox	Dec.	February on.	
Salpiglossis	Feb.	May-June	One pinch.
Scabiosa	Feb.	June	
Stocks	Feb. 1-15	Mother's Day	
Sweet Peas	Dec.	March-May	See August culture.
Venidium	Feb. 25	March-May	
Gladiolus	Dec. 15	May	Plant var. with primulinus blood as they do not come blind with early planting.
Lilium Giganteum N.C.	Dec. 1-15	For late Easter	Start 55°. Grow 65°-75°.
Lilium Erabu	Dec. 1	March 1-15.	
Lilium Erabu	Dec. 15		
Lilium Regale	Dec. 1	Feb.	50° for ten days then 60°.
Lilium Rubrum	Dec.	April-May.	
Lilium Album	Dec.	April-May	
Lilium Tigrinum	Dec.	April-May	
Lilium Auratum	Dec.	March-April	
Polyanthus Roses		Easter	See November Culture.
Polyanthus Roses		Mother's Day	See November Culture.

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Quality Seeds for Discriminating Buyers

OUR packet seeds are supplied on consignment on the usual terms, but with unusual display material, and a unique method of direct delivery to you by parcel post. An assortment of flower seeds, or both flower and vegetable seeds as you choose, is sent you on consignment, to be sold at 40% commission. All flower seeds are 10 cents, and some vegetables are 5 cents, most 10 cents. Each rack is dated and bears a seed analyst's certificate of the purity and freshness of its seeds. At the end of the season you return the unsold packets in a bag supplied by us, and destroy the rack. You are credited with the returns and billed for the seeds sold, less 40%.

Brilliant New Floor Display Racks

We continue for 1940 our floor display which was so popular and effective the past season.

The illustrations show how it holds each variety of your seed assortment where the customer can see it. Against the black background the vivid colors of the seed packets stand out like a veritable flower garden, catching the eye of everyone who comes near it and inviting further inspection.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold \$100 worth of packets retail value.

Our New Packets. All flower seed packets of 1940 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower seed or vegetable seed packets or both.

Brilliantly Colored Posters and Streamers. Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.



OUR NEW FLOOR RACK, DISPLAYING ENTIRE SEED STOCK IN MINIMUM SPACE

Fill out This Contract and Mail it to us NOW

Please give references for the benefit of our credit department unless you have a rating or already have an account with us. This will save time.

☐ Flower and Vegetable Floor Rack. ☐ Flower Seeds Only, Counter Rack.

VAUGHAN'S SEED STORE
Commission Box Department
601 W. Jackson Blvd., Chicago, Ill.

19

Please forward, in due season, one assortment of garden and flower seeds for me to sell on commission for the season of 1940. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay, upon receipt of statement, the retail value of the seeds sold by me, less 40% commission. Unsold seeds returned by me are to be credited, and only the amount of seeds actually sold less 40% commission, is to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with the goods.

Your Firm Name _____

Your Address _____

TRADE REFERENCES:

Sign here _____

Vaughan's Tulips For Forcing

Cream of the Dutch
Crop Shipped on
the First Boat.

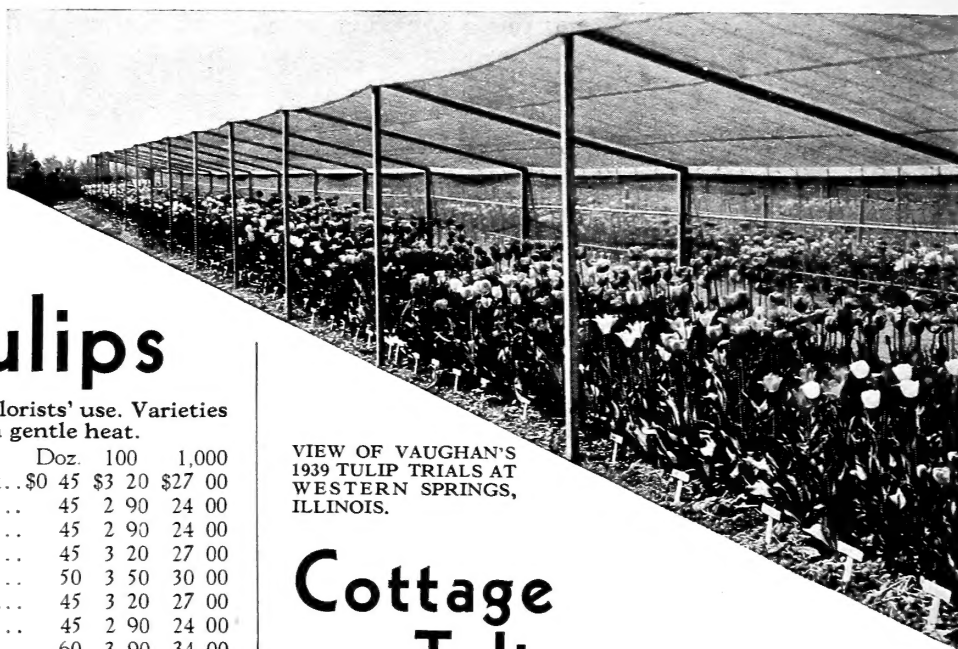
Darwin Tulips

The most profitable of all Tulips for Florists' use. Varieties on this page marked (f) can be forced in gentle heat.

	Doz.	100	1,000
Afterglow, soft apricot orange, tinged pink..	\$0 45	\$3 20	\$27 00
Baronne de la Tonnaye, (f) bright pink.....	45	2 90	24 00
Bartigon, (f) fiery crimson.....	45	2 90	24 00
Bleu Aimable, bright violet purple.....	45	3 20	27 00
Black Eagle, brilliant purple.....	50	3 50	30 00
Centenaire, (f) rich violet-rose, good forcer...	45	3 20	27 00
Clara Butt, (f) soft salmon-pink.....	45	2 90	24 00
City of Haarlem, (f) cardinal red.....	60	3 90	34 00
Dream, (f) soft lilac.....	45	2 90	24 00
Farncombe Sanders, (f) rich, brilliant scarlet	45	2 90	24 00
Faust, satiny purple.....	50	3 40	29 00
Feu Brilliant, bright scarlet.....	60	3 80	33 00
Giant, deep purple shaded violet.....	60	4 10	36 00
Glacier, large white.....	2 25	16 00	150 00
Gloria Swanson, rosy-red.....	75	5 00	45 00
King Harold, (f) dark maroon scarlet.....	45	2 90	24 00
La Tulipe Noire, finest black.....	45	3 20	27 00
Le Notre, (f) rose shaded blush.....	50	3 00	25 00
Marguax, deep wine red.....	85	6 00	55 00
Matchless, (f) delicate old rose, wonderful for pots	45	3 10	26 00
Mme. Krelage, soft rose, margined blush....	45	2 90	24 00
Mrs. Potter Palmer, glowing purple.....	45	3 00	25 00
Mrs. Mandel, (f) violet-blue flushed lilac....	45	3 10	26 00
Philippe De Communes, velvety dark purple.	45	3 00	25 00
President Taft, Deep crimson-maroon.....	70	4 75	42 00
Pride of Haarlem, (f) carmine rose.....	45	2 90	24 00
Princess Elizabeth, (f) soft rose with silvery margin, white base. Extra fine forcer.....	45	3 00	25 00
Prof. Rawenhoff, (f) cherry-rose, white, blue base.....	45	2 90	24 00
Queen of Hearts, soft rose.....	60	4 00	35 00
Rev. H. Ewbank, (f) vivid heliotrope-lilac....	45	2 90	24 00
Rose Copeland, lavender-pink.....	45	3 30	28 00
Santa Rosa, pure rose.....	45	3 50	30 00
Scarlet Beauty, fiery scarlet.....	75	5 00	45 00
Sir Trevor Lawrence, purplish violet.....	50	3 50	30 00
Sundew, laciniated, brilliant crimson.....	45	2 90	24 00
The Bishop, violet blue.....	80	5 50	50 00
Tilly Luss, rose-purple, grayish black center...	65	4 50	40 00
Valentine, light violet.....	60	4 00	35 00
Venus, pure satin rose.....	45	3 30	28 00
Victoire D'Oliveira, (f), carmine red, good forcer.....	45	2 90	24 00
Wm. Copeland, (f), bright violet; for forcing.	45	2 90	24 00
William Pitt, (f) brilliant carmine.....	45	3 00	25 00
Yellow Giant, golden yellow.....	45	3 10	26 00
Zwanenberg, pure white, black anthers.....	50	3 50	31 00
Zulu, rich velvety purple-black.....	45	3 20	27 00
FINEST MIXED.....	40	2 80	23 00

Rembrandt Tulips

Mixed.....	60	3 80	33 00
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VIEW OF VAUGHAN'S
1939 TULIP TRIALS AT
WESTERN SPRINGS,
ILLINOIS.

Cottage Tulips

	Doz.	100	1,000
Argo, yellow spotted red.....	\$0 45	\$3 20	\$27 00
Albino, pure white, good forcer.....	60	3 80	33 00
Arethusa, light crome yellow.....	60	4 00	35 00
Avis Kennicott, deep yellow.....	45	3 10	26 00
Barbara Pratt, light cochineal carmine.....	80	5 75	52 00
Bizards, all colors mixed.....	50	3 50	30 00
Bouton d'Or, (f) pure yellow, fine for cutting.	45	3 00	25 00
Byblooms, mixed flowers beautifully striped with pink, crimson, scarlet, rose, blue and purple.....	50	3 50	30 00
Carrara, pure white.....	50	3 50	30 00
Dido, pink salmon, edged orange.....	45	2 90	24 00
Gesneriana Lutea, (f) golden yellow, sweet-scented. A splendid one under glass, on account of its color and perfume.....	45	3 00	25 00
Glare of the Garden, brilliant crimson.....	55	3 70	32 00
Golden Harvest, large golden yellow.....	1 10	8 00	76 00
Grenadier, light orange.....	45	2 90	24 00
Inglescombe Pink, (f) salmon-rose.....	45	2 90	24 00
Inglescombe Scarlet, brilliant scarlet, large flower.....	55	3 20	27 00
Inglescombe Yellow, (f) rich yellow.....	45	2 90	24 00
John Ruskin, salmon-rose with pale yellow margin.....	45	3 00	25 00
Maiden's Blush (Picotee), (f) white recurved petals, margined rose.....	45	2 90	24 00
Moonlight, (f) large egg-shaped flower of a clear pale yellow color.....	45	3 10	26 00
Mrs. Moon, (f) immense golden-yellow, tall, sweet-scented. Best yellow late tulip.....	45	3 10	26 00
Orange King, deep orange shaded rose.....	45	3 00	25 00
Rosabella, pure pink.....	45	3 30	28 00
The Fawn, (f) light grayish rose, changing to rosy white.....	45	3 00	25 00
FINEST MIXED.....	45	2 90	24 00

Lily-Flowered Tulips

Adonis, vivid rosy red.....	50	3 50	30 00
Alaska, golden yellow.....	50	3 50	30 00
Artemis, bright carmine rose.....	50	3 60	31 00
Sirene, rich rose-pink.....	45	3 00	25 00

Triumph Tulips

This new race is the result of crosses between the Early Single Tulips and the Darwins. They can be forced very easily.

	Doz.	100	1,000
Alberio, deep wine-red.....	\$0 45	\$3 20	\$27 00
Denbola, dark amaranth red, creamy white edge....	65	4 50	40 00
Elizabeth Evers, deep bright carmine rose....	60	4 00	36 00
Kansas, (f), snow white, yellow center.....	50	3 40	29 00
Lord Carnavon, pink, white edge.....	45	3 00	25 00
Mr. Zimmerman, light pink with white base..	45	3 20	27 00
Telescopium, (f) violet rose.....	45	3 00	25 00
Ursa Minor, (f) golden yellow.....	55	3 70	32 00
Mixed.....	45	3 20	27 00

Parrot Tulips

	Constantinople	Gloriosa	Lutea Major
Price, each of above.....	doz., 45c;	100, \$3.00;	1,000, \$25.00
FANTASY, pink.....	\$0 45	\$3 30	\$28 00
EXTRA FINE MIXTURE.....	40	2 80	23 00

Botanical (Wild) Tulips

Clusiana, cherry-red and white.....	55	3 70	32 00
Eichleri, crimson-scarlet.....	55	3 70	32 00
Kaufmanniana, creamy-white marked carmine yellow center.....	80	5 75	52 00

Vaughan's Single Early Tulips

EXPLANATORY: The number preceding the name of the variety denotes the height in inches, while the letters **a** and **b** indicate their earliness of bloom—the **a**'s flower together and are the earliest; the **b**'s flower together, but are somewhat later.

Varieties starred (★) are the kinds used by Florists for forcing. These varieties are also suitable for outdoor planting.

Single Scarlet, Orange and Crimson

	Doz.	100	1,000
7a Artus, deep scarlet; a splendid bedder.....	\$0 45	\$3 20	\$27 00
★ 8b Belle Alliance, scarlet, good bedder or forcer.....	45	3 20	27 00
★ 7a Brilliant Star, vermilion-scarlet; very early.....	45	3 10	26 00
★ 8b Couleur Cardinal, brilliant crimson; fine bedder.....	45	3 20	27 00
7b Cramoisi Brilliant, bright scarlet....	45	3 10	26 00
★ 10b Fred Moore, dark orange, edged yellow.....	45	3 10	26 00
8a Jonkoping, orange-red.....	60	4 00	35 00
★ 8a Prince of Austria, orange-vermilion; large.....	45	3 10	26 00
★ 7b Vermilion Brilliant, dazzling vermilion-scarlet, very fine for pots, and showy bedder.....	45	3 20	27 00

Single White

	Doz.	100	1,000
9a Diana, pure white; good forcer.....	\$0 45	\$3 20	\$27 00
★ 8b La Reine (Fancy), white and rose....	45	3 10	26 00
★ 10a La Reine Maxima, white, changing shell pink.....	45	3 30	28 00
★ 18b Lady Boreel, pure white; fine forcer...	50	3 50	30 00
15b White Swan (true), pure white.....	45	3 10	26 00
17a White Hawk, white; very fine.....	45	3 30	28 00

Single Striped, Margined

	Doz.	100	1,000
★ 6a Duc de Berlin, clear scarlet, edged yellow.....	\$0 45	\$3 10	\$26 00
★ 18a General DeWet, golden, flushed and stippled fiery-orange-scarlet.....	50	3 80	30 00
10b Keizerskroon, red, with distinct wide golden border, one of the finest early tulips.....	60	3 80	33 00
8b Van der Neer, purple.....	45	3 20	27 00

Breeder Tulips

Some of the finest cut flower varieties are found in the rich, bronzy breeders.

	Doz.	100	1,000
Bacchus, dark violet blue.....	\$0 50	\$3 40	\$29 00
Bronze Queen, golden yellow bronze.....	45	2 90	24 00
Cardinal Manning, wine-red.....	45	3 20	27 00
Cherbourg, golden yellow with a suffusion of terra cotta.....	80	5 50	50 00
Dillenburg, salmon-orange.....	45	3 20	27 00
Don Pedro, coffee brown.....	55	3 70	32 00
Fairy Panorama, (f) terra-cotta and bronze..	45	3 30	28 00
Indian Chief, mahogany-red.....	80	5 75	52 00
Jaune D'Ouef, outside petals rose and orange, inside bronze and yellow.....	45	3 30	28 00
Louis XIV, rich purple with golden bronze margin.....	50	3 40	29 00
Lucifer, orange red.....	60	3 80	33 00
Prince of Orange, (f) orange scarlet edged light yellow.....	45	3 20	27 00
St. James, chestnut brown, flushed bronze, passing into gold.....	50	3 50	30 00
Turenne, bronze purple.....	45	3 20	27 00
Velvet King, maroon-purple.....	75	5 00	45 00
Mixed, all colors.....	45	3 00	25 00

Single Yellow

	Doz.	100	1,000
★ 10a King of the Yellows, pure yellow....	\$0 45	\$3 20	\$27 00
★ 7a Mon Tresor, pure yellow; large cup...	45	3 20	27 00
★ 10b Rising Sun, golden yellow.....	45	3 10	26 00
★ 8b Yellow Prince, golden yellow; fine forcer	45	3 10	26 00

Single Pink and Rose

	Doz.	100	1,000
★ 7a Cullinan, rosy pink with white.....	\$0 45	\$3 20	\$27 00
★ 13b Flamingo, carmine-rose, white shaded	45	3 20	27 00
★ 12a Ibis, dark brilliant pink.....	45	3 10	26 00
12b Pink Beauty, bright rose-pink shading to blush-white.....	65	4 50	40 00
8a Pink Perfection, fine pink.....	50	3 50	30 00
★ 9a Proserpine, glossy pink; forces early.	45	3 30	28 00
★ 8a Prosperity, fine pink.....	45	3 10	26 00
7b Rose Gris de Lin, delicate rose, flushed white.....	45	3 20	27 00
★ 7b Rose Luisante, brilliant deep pink...	45	3 30	28 00
Extra Fine Mixture, our own blend...	45	3 00	25 00

Double Late Tulips

These flower with the Darwin tulips. The flowers are very large and full. Resemble peonies.

	Doz.	100	1,000
15c Blue Celeste, light purple.....	\$0 50	\$3 50	\$30 00
15c Epicure, large salmon rose edged lighter	75	5 00	45 00

Mendel Tulips

Recommended for January Forcing

	Doz.	100	1,000
20a Fritz of Nansen, large red.....	\$0 60	\$3 80	\$33 00
20a Krelagis Triumph, beautiful red....	50	3 50	30 00
18a Mrs. E. H. Krelage, light red.....	45	3 30	28 00
20a Prof. Zeiman, orange.....	45	3 20	27 00
18a Queen Augusta, salmon-pink.....	45	3 30	28 00
20a Scarlet Wonder, brilliant scarlet.....	60	3 80	33 00
18a The Rose Lilac, rose.....	45	3 10	26 00
18a Weber, white, pink edge.....	50	3 40	29 00
18a Zenober, cochineal red.....	45	3 20	27 00

Early Double Tulips

EXPLANATORY: The number preceding the name of the variety denotes the height in inches, while the letters **a** and **b** indicate their earliness of bloom—the **a**'s flower together and are the earliest; the **b**'s flower together, but are somewhat late.

★Varieties starred are the kinds used by Florists for forcing. These varieties are also suitable for outdoor planting.

Double Red		Doz.	100	1,000
★ 9a	Imperator Rubrorum, bright scarlet; showy.....	\$0 50	\$3 60	\$31 00
9b	L'Aurora, new bright red; best of all.....	50	3 40	29 00
8b	Rubra Maxima, dazzling scarlet.....	50	3 40	29 00
★ 9b	Vuurbaak, bright scarlet with orange flush.....	60	3 80	33 00
Double Pink		Doz.	100	1,000
★ 8a	Electra, beautiful dark-rose sport from Murillo.....	\$0 45	\$3 20	\$27 00
★ 7a	Murillo (Fancy), large pink sport, suffused with white.....	45	3 10	26 00
★ 8a	Peach Blossom, bright pink.....	45	3 10	26 00
15b	Triumphator, immense double pink, dark salmon, an excellent variety....	50	3 50	30 00

Double Yellow		Doz.	100	1,000
★10a	Couronne d'Or (Crown of Gold), beautiful rich golden yellow; fine forcer.....	\$0 45	\$3 30	\$28 00
12b	Tea Rose (Brimstone Beauty), pale yellow shaded apricot.....	45	3 10	26 00
★ 8a	Mr. Van der Hoeft, pure yellow.....	45	3 10	26 00
8b	Mr. Van Tubergen, rich golden yellow	50	3 50	30 00

Double White		Doz.	100	1,000
10b	Boule de Neige, pure white.....	\$0 50	\$3 50	\$30 00
★12b	Schoonoord (White Murillo), pure white.....	50	3 40	29 00

Double Striped or Otherwise Colored		Doz.	100	1,000
9b	Mystery of India, terra cotta and orange, shaded pink.....	\$0 55	\$3 70	\$32 00
★ 8b	Orange Nassau, deep orange red.....	50	3 40	29 00
8b	Tournesol, red and yellow; very showy	50	3 40	29 00
★ 8a	Toreador, scarlet-edged, buff-yellow... Extra Fine Mixture.....	45	3 30	28 00
		45	3 00	25 00

Imported Hyacinths of Good Quality at New Low Prices



French-Roman Hyacinths

These extremely early flowering hyacinths with their long spikes and well placed bells make excellent material for design work, when stock is scarce. Also very useful for retail cutflower work during the holidays. Grow in flats and use for cutting same as Paper Whites.

	Doz.	100	1,000
12-15 centimeters White.....	\$0.95	\$6.50	\$60.00
13-14 centimeters White.....	1.10	7.50	70.00
12 centimeters and up. Blue, or light pink....	.75	5.00	45.00

HYACINTHS of this year's crop look good and should give excellent results. Dutch government again controls prices. However, they remain on a much lower basis than for many years previous.

At present prices hyacinths offer to the florist one of the best opportunities to grow at a minimum risk and cost pot plants of first quality, which can be sold at good prices in the spring market. Miniature size bulbs grown in flats for cut flowers offer a sure crop and good profit.

	Doz.	100	1,000
19 ctms. and up (Top size) (named as below).....	\$1.35	\$9.50	\$87.00
18-19 ctms. (First size) (named as below)...	1.15	8.00	75.00
17-18 ctms. (Second size) (named as below)...	.95	6.50	60.00

The following varieties we offer in the above three sizes.

Single Blue	Single Red and Rose
Bismarck, bright light blue.	Gertrude, rose-pink, medium early.
Dr. Lieber, lavender-blue.	La Victoire, brilliant dark pink.
Grand Maitre, dark porcelain, medium early.	Marconi, bright pink.
King of the Blues, dark, medium early.	Queen of Pinks, choice pink.
Queen of the Blues, light, fine spike.	

Single White	Single Yellow
Arentine Arendsen, pure white.	City of Haarlem, golden yellow.
	Yellow Hammer.

	Doz.	100	1,000
16-17 ctms. (Third size) (named varieties)...	\$0.85	\$5.50	\$51.00
15-16 ctms. (Bedding size) (named varieties)...	.75	5.00	45.00

We offer the following varieties in the above two sizes.

Single Red and Rose	Single Blue
Gertrude, La Victoire, Marconi, Queen of Pinks.	Dr. Lieber, Grand Maitre, King of the Blues, Queen of the Blues.
Single White	Single Yellow
L'Innocence.	City of Haarlem. Yellow Hammer.
	Doz. 100 1,000
13-14 ctms. (Miniature size) (named as below)	\$0.55 \$3.50 \$30.00
We offer the following varieties:	
Gertrude, La Victoire, Marconi, Queen of the Pinks,	L'Innocence, Grand Maitre, Queen of the Blues.

Lily Bulbs

Lilium Vaughani

(Quantities Limited.)

Has the large flowers of the Giganteum type coupled with the blooming qualities of Erabu. The foliage is closely set, all the way up the stem, and it does not lose its foliage near the pot. In appearance, it is sturdier, and a better pot plant. The percentage of flowers from a 7 to 9-inch bulb is higher than any other type of Giganteum.

7 to 9-inch (300 bulbs to case).....	} Write for Prices
8 to 10-inch (225 bulbs to case).....	
9 to 10-inch (200 bulbs to case).....	

Lilium Giganteum

(Due to the dry weather in Japan crop of large size will be short of supply, so order at once.)

As this catalogue goes to press prices have not yet been fixed by the Japanese growers. We will be glad to quote you by mail if you will advise size and quantity you are interested in.

Our northern grown stock will again come from the same selected fields as last season. Our customers may depend not only upon the best market prices, but on guaranteed grading—a vital point. Our arrangements in Japan provide for selection of sound, well-shaped bulbs. Crescent-shaped, malformed and undersized bulbs are taken out. If any of our cases reach you with undergraded or inferior lily bulbs in them, ask us at once for disposition.

6 to 8-inch (400 to case).....	} Write for Prices
7 to 9-inch (300 to case).....	
8 to 9-inch (250 to case).....	
8 to 10-inch (225 to case).....	
9 to 10-inch (200 to case) (scarce).....	

Lilium Erabu

Crop Short This Year—Order Early

Growers must not force Erabu in great heat. A cool house, 60 to 65 degrees, with plenty of moisture is better, but they will certainly do best when grown in pots so they can be shifted into sections representing varying heights to give proper light and watering.

	100	Per Case
6 to 8-inch (400 to case).....	\$ 6 00	\$19 00
7 to 9-inch (300 to case).....	7 50	18 50
8 to 10-inch (225 to case).....	9 50	19 00
9 to 10-inch (200 to case).....	11 00	19 00

Lilium Regale

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 or 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting.

	Doz.	Per 100	Per 1000
6-7 in.....	\$0 85	\$ 5 50	\$ 50 00
7-8 in.....	1 15	7 00	65 00
8-9 in.....	1 35	9 50	87 50
9-10 in.....	1 85	13 00	120 00

If wanted in quantity please write for prices.

Hardy Japan Lilies

Auratum—Gold-Banded

Flowers white, dotted crimson, with a clear golden band running through center of each petal; very fragrant.

	Doz.	100	Case lots
8 to 9 inches (180 bulbs to a case).....	\$1 35	\$ 9 00	Write
9 to 11 inches (125 bulbs to a case).....	2 00	14 00	for
11 to 12 inches (90 bulbs to a case).....	2 75	20 00	Prices

Auratum Platyphyllum

The flowers are similar in color to Auratum, heavily spotted, but are much larger, petals more overlapping, of greater substance.

8 to 9 inches (180 bulbs to a case).....	\$2 00	\$14 00	Write for
9 to 11 inches (125 bulbs to a case).....	2 75	20 00	Prices

Speciosum Rubrum Magnificum

Flowers are of good substance; will last a long time and do not all open at once. One of the best varieties for cold storage purposes.

8 to 9 inches (220 bulbs to case).....	\$1 35	\$ 9 00	Write
9 to 11 inches (140 bulbs to case).....	2 00	14 00	for
11 to 13 inches (90 bulbs to case).....	2 75	20 00	Prices

Speciosum Album (White)

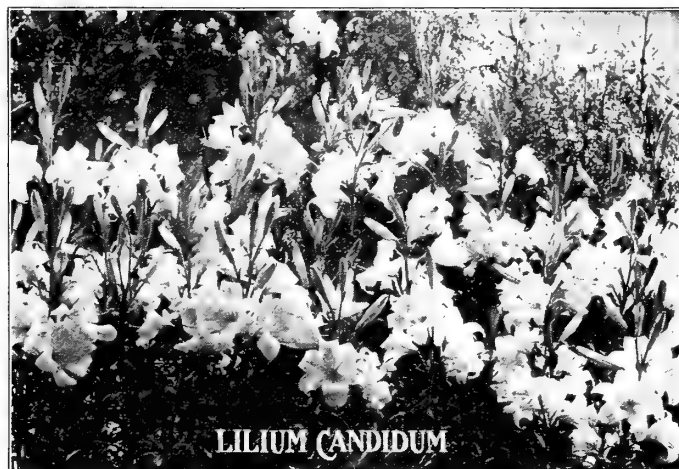
Pure white, with beautiful recurved petals, very fragrant.

8 to 9 inches (220 bulbs to case).....	\$2 10	\$15 00	Write for
9 to 11 inches (160 bulbs to case).....	3 00	22 00	Prices

Speciosum Melpomene

Flowers frosted white, spotted and bearded with pinkish crimson.

8 to 9 inches (180 bulbs to case).....	\$1 35	\$ 9 00	Write for
9 to 11 inches (140 bulbs to case).....	2 00	14 00	Prices



Lilium Candidum—Thick Petaled

Our Lilium Candidum are the thick, broad-petaled Paris-grown type so superior to the narrow-petaled south-of-France stock. The bulbs are plump, heavy and healthy. Increasing demand each season causes prices to advance.

PRICES

	Northern-Grown, Thick Petaled		
	Doz.	Per 100	Per 1000
18-20 ctms.....	\$1 15	\$ 7 00	\$ 65 00
20-22 ctms.....	1 20	7 50	70 00
22-24 ctms.....	1 30	8 50	80 00
24-26 ctms.....	1 60	11 00	100 00
26-28 ctms.....	1 95	14 50	135 00

Various Lilies

	Doz.	100
BATEMANNIAE—Beautiful apricot shade.....	\$1 25	\$ 8 00
CANADENSE—Meadow Lily. Graceful, drooping, bell-shaped, red and yellow flowers typical of our northern meadows, fine bulbs. Per 1000, \$65 00	1 15	7 00
ELEGANS MIXED..... Per 1000, 85 00	1 30	9 00
HENRYII. The flower stalk, 3 to 5 feet high, carry 5 to 8 flowers each; color, rich apricot-yellow, lightly spotted with brown. 8-9 in. Per 1000, \$ 75 00	1 25	8 00
9-11 in..... Per 1000, 115 00	1 75	12 00
PARDALINUM—Leopard Lily. Rich scarlet and yellow spotted with rich brown. Per 1000, \$115 00	1 75	12 00
PHILLIPINENSE FORMOSANUM — A very refined and graceful Lily with long grassy foliage, and long wide-mouthed trumpet flowers of the purest white, slightly marked externally with reddish brown. The plants grow to a height of 3 foot or more, are very robust and offer great resistance to wind and weather.....	1 30	9 00
SUPERBUM. Flowers bright orange-red thickly spotted with purple..... Per 1000, \$75 00	1 25	8 00
TENUIFOLIUM—The lovely Coral Lily of Siberia. It is the brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. They are so fine for cutting..... Per 1000, \$55 00	1 00	6 00
TIGRINUM SPLENDENS — Improved Single Tiger Lily. Very hardy native Lily; orange-red, spotted purple-black..... Per 1,000, \$65 00.	1 00	7 00
TIGRINUM FLORE PLENO—Double Tiger Lily. The well-known double Tiger Lily; grows from 4 to 6 feet high, and bears an immense number of bright orange flowers. Per 1,000, \$65 00.	1 00	7 00
UMBELLATUM—Colors range from deepest red through all shades of crimson, rose, yellow, buff, and apricot; blooms about June 30th.		
—Mixed. Large Flowers..... Per 1000, \$115 00	1 75	12 00

Lily of the Valley

Our stock is imported direct by us from the Best Lily of the Valley growers in Germany. Prices will be ready in November.

Lilium Harrisii

	Per 100	Per Case
The Bermuda Easter Lily		
6-7 inch (335 to case).....	\$ 7 50	\$21 00
7-9 inch (200 bulbs to case).....	12 00	21 00
8-10 inch (150 bulbs to case).....	15 00	21 00

American-Grown Hardy Narcissi

Northwest-Grown Bulbs From Which No Flowers Have Been Cut

PRICES ACCORDING TO GROWERS AGREEMENT CODE

ONE of our representatives makes an inspection each season when the bulbs are in bloom and again after the bulbs have been lifted and placed in trays in the warehouses. Therefore our customers are assured of the best quality.

Quality of our stock has reached perfection through long study and adoption of the latest methods of culture.

Our bulbs are grown in Oregon, where narcissi bulbs grow best. All our stock has come from the same source in the last six years. The most modern implements are used so that bruising and disease are reduced to minimum. After digging, our bulbs are stored in temperatures that have been found most satisfactory by eminent English and Dutch experimenters. This temperature treatment hastens the flowering period and keeps the bulbs firm.

American grown narcissi are now not only grown as well as European, but they travel a shorter distance to you, minimizing the risk of heating and bruising.

KING ALFRED (Trumpet Variety)

Golden yellow, large flowers. King of all of them.

No. 1 Double Nose		No. 2 Double Nose		Round	
100	1000	100	1000	100	1000
\$7.00	\$65.00	\$5.75	\$52.00	\$5.50	\$51.00

TRUMPET VARIETIES (Yellow Trumpet)

	Double Nose		Round	
	100	1,000	100	1,000
Emperor, rich yellow, large flower..	\$5.50	\$51.00	\$4.50	\$40.00
Golden Spur, rich yellow.....	5.75	53.00	4.50	39.00
Minister Talma, golden yellow, large flowers.....	6.50	58.00	5.00	43.00
M. A. Fiersten, yellow trumpet daffodil. Wide short, densely frilled trumpet of pure yellow, a shade deeper than the perianth; finely placed with good neck.....	Per doz., \$3.50	25.00	.....	.....
Olympia, sulphur-yellow perianth, large yellow trumpet.....	7.50	70.00	5.75	53.00
Tresserve, sulphur-yellow perianth with very large yellow trumpet..	6.50	58.00	5.50	47.00

Bicolor Varieties

Spring Glory, white perianth, yellow trumpet.....	5.50	50.00	4.75	42.00
Victoria, white perianth, yellow trumpet.....	5.50	50.00	4.75	42.00

Other Classes

Barri, Conspicuous, yellow, small cup	4.50	39.00	3.75	31.00
Diana Kasner, (Barri), pure white perianth and large fluted yellow cup with blood red frill. Good forcer..	6.75	62.00	5.00	46.00
Golden Sceptre (Jonquil), deep golden yellow.....	.....	.....	4.50	40.00
Early Surprise (Barri), yellow perianth, scarlet rimmed cup.....	4.50	40.00	4.00	35.00
Laurens Koster (Poetaz), white and yellow.....	6.00	54.00	5.00	44.00
Orange Cup (Poetaz), yellow perianth, cup orange-red nicely frilled.	7.00	65.00	5.75	53.00
Poeticus Glory of Lisse, pure white cup, margined red.....	.....	.....	4.00	35.00
Poeticus, Ornatus, white and yellow	4.50	40.00	3.75	32.00
Pheasant Eye.....	4.50	40.00	3.50	30.00
Poeticus, Horace, snow white broad perianth, large cup edged bright scarlet. Very fine for planting in cold frames for mother's day flowers	5.50	48.00	3.75	32.00
Sir Watkins (Incomparabilis), medium trumpet, yellow. Good for early use.....	5.00	44.00	3.80	33.00
Croesus (Incomparabilis), Canary yellow perianth, orange fluted cup.	7.00	65.00	5.25	47.00
Queen of North (Leedsii), white perianth primrose cup.....	6.75	62.00	4.75	42.00
Silver Star (Leedsii), white perianth cup primrose changing to white.....	.....	.....	8.50	80.00
Mixed, for outdoor planting, single and double nose.....	.....	.....	3.50	30.00



NARCISSUS KING ALFRED

Double Varieties

	Double Nose		Round	
	100	1,000	100	1,000
Alba Plena Odorato, pure white..	\$4.50	\$40.00	\$3.75	\$32.00
The Pearl, double white.....	6.50	60.00	5.50	50.00
Twink, primrose and clear orange..	12.50	115.00	9.50	87.00
Von Sion, yellow.....	5.50	47.50	4.00	35.00

Narcissus Paper White Grandiflora

From the Finest Crop Harvested in Florida

CROP IS SHORT OF LARGE BULBS—ORDER EARLY!

All our bulbs are grown from stock that originally came from the same Frenchman who supplied us before importation of foreign bulbs was prohibited. We caution florists against buying cheap bulbs of Paper Whites. You might get bulbs which have been left in the ground two or more years, and which show double crowns. Such bulbs will produce plenty of foliage, but will lack flowers.

The fields from which our bulbs come were inspected by our bulb man at flowering time, to insure true type; and a further inspection was made at harvesting time. The stocks have all been tested for forcing in soil and in water and the reports from such tests are that while flowering somewhat later than imported bulbs, results are as good.

Paper Whites. Write for prices on 5 or more cases.	100	1,000
12 ctns. Buy these to compete with chain store	\$1.60	\$11.00
13 ctns.....	2.10	16.00
14 ctns.....	2.50	20.00
15 ctns.....	3.10	26.00

Grand Soliel d'Or, Yellow Paper White.

14-15 ctns.....	4.00	35.00
15-16 ctns.....	4.50	40.00
16 ctns. and up.....	5.50	50.00

Chinese Narcissus (American Grown Bulbs)

	(Better than the imported.)	Per 100	Per 1,000
Strong Bulbs.....	\$4.00		\$35.00

Miscellaneous Bulbs

Giant Hybrid Amaryllis

One of the finest strains of Amaryllis we have ever seen. Flowers are immense, composed of broad, well-rounded, overlapping petals; of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red and crimson to the richest self colors as scarlet, crimson, bright red, cherry and almost maroon.

Bulbs 2½ inches and more and are sure bloomers.

Make wonderful window displays.

SELECTED MIXED HYBRIDS		
	Doz.	100
2½-3 inch.....	\$2.00	\$15.00
3 -3½ inch.....	2.75	20.00
3½ inch and up.....	3.75	28.00

SEPARATE COLORS.		
	Each, 40c; Doz., \$4.00.	
Light Red	Salmon	Red with Light Stripes
Dark Red	Rose	Light Shades

OTHER AMARYLLIS

	Doz.	100
Hallii. The Hardy Pink for outdoor planting....	Each, 45c	4.50
Johnsonii. Velvety crimson, white striped.....	2.75	20.00

ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Set 10 inches apart, about ½ inch deep. Sunny location, plenty of moisture. **Special Mixed**, number one bulbs, per 100, \$2.00; per 1,000, \$18.00.

Anemone St. Brigid Irish Champions. The largest flowered strain of Anemones ever offered in the United States. Large, brilliant flowers in a wide variety of colors, over 90% full double. Number one bulbs, per 100, \$3.00; per 1,000, \$25.00.

BRODIAEAS

Capitata. The California Hyacinth, has slender stems, 6 to 12-inch, high capped with a close cluster of violet blue flowers. Flowers hold up well, so should be good for Florists use. 100, \$2.75; 1,000, \$22.50.

White Calla

(Aethiopica) Ready in September

Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice **premature cutting off the tops**, expose bulbs to the sun, in order to make early shipment.

Our stock is thoroughly cured in the ground and dried thoroughly before they are packed. This means later delivery but better results can be obtained from such bulbs.

We caution forcers of Callas to water this stock sparingly after planting because Calla bulbs store up considerable moisture.

Size	Per 100	1,000
1¼-1½ inches.....	\$ 4.50	\$ 40.00
1½-1¾ inches.....	8.00	75.00
1¾ inches and up.....	13.00	125.00

BABY CALLAS. Dwarf White, Fine for Pots.

	Doz.	Per 100	Doz.	Per 100
Top size.....	\$1.60	\$11.00	First size.....	\$1.20 \$ 8.00



ANEMONE



RANUNCULUS

AMARYLLIS
NEW HYBRIDS



Yellow Calla

(Elliotiana)

Yellow callas are very attractive as pot plants. A few pots of this golden yellow flower placed in a display window draw much attention and sales. Grow a hundred and see how quickly they sell.

	Doz.	Per 100	1,000
2-2½ inch.....	\$1.30	\$ 9.00	\$ 85.00
2½-3 inch.....	2.00	15.00	145.00
3-3½ inch and up.....	3.25	24.00	225.00

CALOCHORTUS or MARIPOSA TULIP

These famous California flowers resemble a tulip in shape, and are of many colors, shades and markings. Try a few in a cool house.

Mixed, per 100, \$3.50; postpaid; per 1,000, \$30.00.

CHIONODOXA (Glory of the Snow)

These are among the most beautiful of our spring-flowering bulbs, coming into bloom soon after the snow is gone. Grows well in any good garden soil, and when once planted requires no further care. Looks best when planted in lines or clumps.

Lucillae. Flowers of a brilliant sky-blue color with white center. Per 100, \$1.65; per 1,000, \$12.00.

Sardensis. Deep blue. Per 100, \$1.65; per 1,000, \$12.00.

Crocus

Large Flowering

The bulbs are about an inch in diameter and are sure bloomers.

Baron von Bruno , dark blue.	Striped Beauty , lilac striped white.
Julia Culp , purple.	Mont Blanc , pure white.
Maximilian , large blue.	Sir Walter Scott , white, blue striped.
Purpurea Grandiflora , large purple.	King of Whites , pure white.
Pallas , white and blue.	Select Yellow .
Kathleen Parlow , pure white.	

	Per 100	1,000
Price of above.....	\$1.65	\$12.00
Mammoth Yellow	1.90	14.00

CROCUS—Mixed Colors

Striped and variegated.....	} \$1.50 \$10.00
White shades mixed.....	
Blue and purple.....	

ERANTHIS (Winter Aconite)

Price, per 100, \$2.00; per 1,000, \$15.00.

Freeseias—California Grown

Crop Short

PURITY—True Strain. White. $\frac{1}{2}$ to $\frac{5}{8}$ in.: per 100, \$1.00; per 1,000, \$6.00. $\frac{5}{8}$ to $\frac{3}{4}$ in.: per 100, \$1.60; per 1,000, \$11.00.

Elder's Giant White. Much demand for the flowers on all markets because of the size and strong stems. $\frac{1}{2}$ to $\frac{5}{8}$ in.: per 100, \$1.50; per 1,000, \$10.00.

WHITE CHIEF

A new Giant White. Stems average 18 to 30 inches long; single flowers $2\frac{1}{2}$ inches long. Can be had in bloom first week in January. Forty-five to forty-eight degrees night temperature would bring out the good qualities to perfection. At the prices at which we offer this variety a grower should try five hundred or more. $\frac{1}{2}$ to $\frac{5}{8}$ in.: per 100, \$1.00; per 1,000, \$7.00.

Apotheose. New. One of the best varieties, very large robust flowers, opening deep mauve-lilac, turning to bright carmine-pink; white throat tall, rigid stems extra. $\frac{1}{2}$ to $\frac{5}{8}$ in., per 100, \$1.50; per 1,000, \$9.00; $\frac{5}{8}$ to $\frac{3}{4}$ in., 100, \$1.75; per 1,000, \$12.00.

Golden Daffodil. The yellow you must have with your planting of the White varieties. Color, clear, light yellow and orange blotch. Large flowers on strong stiff stem. $\frac{1}{2}$ to $\frac{5}{8}$ in.: per 100, \$1.00; per 1,000, \$6.00.

Marie Louise Violet. This variety is an unusually strong grower, with sturdy stems well above foliage and long laterals—the flower is large of a deep blue violet color, sometimes with a little touch of pink in it, which makes it very attractive. $\frac{1}{2}$ to $\frac{5}{8}$ in., per 100, \$2.10; per 1,000, \$16.00; $\frac{5}{8}$ to $\frac{3}{4}$ in., per 100, \$2.50; per 1,000, \$20.00.

Mrs. Marc Peters. A very attractive deep rosy salmon with lower petals blotched orange with yellow. $\frac{1}{2}$ to $\frac{5}{8}$ in.: per 100, \$1.80; per 1,000, \$13.00. $\frac{5}{8}$ to $\frac{3}{4}$ in.: per 100, \$2.00; per 1,000, \$15.00.

Miss Blanche Blue. (Patented). Deep blue, large, open flowers; tall, strong stems; long lateral stems making possible even third and fourth cuts; tall, deep-green leaves, a sturdy grower and easy forcer. $\frac{1}{2}$ to $\frac{5}{8}$ in., per 100, \$1.75; per 1,000, \$12.00.

Red Ridinghood. (Patented). A new and distinct color in Freeseias; blood red, cadmium yellow throat with lines of blood red. The growth is upright, stems rigid and each bulb produces from 3 to 4 laterals, which lengthens the season considerably. Good for Valentine's Day. $\frac{1}{2}$ to $\frac{5}{8}$ inch, per 100, \$3.50; per 1,000, \$30.00; $\frac{5}{8}$ to $\frac{3}{4}$ inch, per 100, \$4.00; per 1,000, \$35.00; $\frac{3}{4}$ inch and up, per 100, \$4.50; per 1,000, \$40.00.

Ruth Chatterton (Patented). The color is distinctly new to Freesia, the upper portion of the petals, both inside and outside, are Tyrian rose shading down the petals to Tyrian pink. These colors being shot with delicate streaks of cadmium yellow in varying degrees becoming solid yellow down into the perianth. $\frac{1}{2}$ to $\frac{5}{8}$ in.: per 100, \$2.75; per 1,000, \$22.50. $\frac{5}{8}$ to $\frac{3}{4}$ in.: per 100, \$3.50; per 1,000, \$28.00.

Sunset. A flame orange, reminding you of the glorious sunsets of California. $\frac{1}{2}$ to $\frac{5}{8}$ in.: per 100, \$1.50; per 1,000, \$10.00. $\frac{5}{8}$ to $\frac{3}{4}$ in.: per 100, \$2.00; per 1,000, \$15.00.

FRITILLARIA

Meleagris, Mixed. Per 100 1,000
\$2.25 \$17.00

English Iris

The English Iris are among the finest of all the Iris group coming into flower at the end of June. As a cut flower it is invaluable. The bulbs may be planted outside with a Winter mulching.

Named Varieties. Deep-blue, White, Light-blue, Deep-ruby flaked. Doz., 80c; 100, \$5.50. Mixed. Doz., 60c; 100, \$4.00.

Ixia

These easily grown, quick selling bulbs are rapidly becoming popular as cut flowers. Planted from September to early December in pots or bench, they produce beautiful, long stem flowers during late February and early March. Main requisites for successful growing are careful watering at beginning of growth, and a cool temperature (Carnation temperature, or cooler).

Named Varieties. 100 1,000
\$2.00 \$15.00
Mixed. 1.60 11.00

Leucocoryne Ixiodes Odorato

(Glory of the Sun)

Heads of large, fragrant flowers, blue with white center, carried gracefully on a wiry stem about eighteen inches tall. Culture same as freeseias. This novelty has received much favorable comment, winning several European awards. Per doz. \$1.15; per 100, \$7.50

MUSCARI (Grape Hyacinth)

Make good pot plants. Force easily for January blooms. **Blue.** Pretty little spikes of dark blue flowers; an old garden favorite, used largely for small beds, edging, etc. Per 100, \$1.60; per 1,000, \$11.00.

Pure White. Per 100, \$2.00; 1,000, \$15.00.

Heavenly Blue. Sky-blue. Per 100, \$1.75; 1,000, \$12.00.

Plumosum. Violet (feathered). Per 100, \$2.75; 1,000, \$22.50.

Ranunculus

Bulbs are claw-like in shape and should be planted with claws downward two inches deep and ten inches apart. Soak bulbs same as Anemones.

Yellow Shades. Per 100 1,000
\$3.00 25.00
Red Shades. 3.00 25.00
French Mixed. 2.00 18.00
Victoria Hybrid Mixed, Special Strain. 3.00 25.00

Dutch Iris

7-8 ctns. 8-9 ctns.
Per 1,000 Per 1,000

Adrian Backer. A beautiful, large flowering novelty of uniform lilac purple. \$27.00 \$35.00

A. Bloemaard. Standards dark purplish blue, falls lighter blue, very large flower, early. 22.00 33.00

Celestial, Late blue. 15.00 22.00

D. Haring. Early flowering. Standards greyish white, falls pure white, very large flower. 22.00 33.00

Early Snow. Tall early white. 24.00 37.00

Imperator (Filifolia). Deep blue. Good seller, one of the best of greenhouse growing. 15.00 22.00

J. W. De Wilde. Uniform dark yellow, a novelty. 27.00

Leonardo Da Vinci. Standards creamy white, falls canary yellow with orange stripe, very large flower and early. 22.00 33.00

Poggenbeeck. Uniform dark blue. An extra good variety. 18.00 27.00

White Excelsior. Uniform pure white, falls very broad, very good form and substance, very early forcer. 27.00 37.00

Yellow Queen. Standards pale yellow, falls golden yellow. Thin wiry stems, excellent for forcing or outside, the best medium priced yellow. 30.00

We can supply also bulbs of the 6-7 ctns size for outdoor planting
Write for special prices.

Tingitana Wedgewood. A seedling of the old favorite Tingitana that is just as early, but a much more reliable bloomer. Can be brought into flower in January, as it is the earliest of Iris. A great cut flower that has commanded enormous prices during the past few years. Light blue in color. 9-10 ctns., per 1,000, \$27.00; 10 ctns and up, per 1,000, \$42.00.

ORNITHOGALUM

Aureum, is a rich apricot orange color, and is perhaps the finest of all Ornithogalums. The flower stems are usually much over a foot in height, with most of the upper half covered with flowers shaped somewhat on the order of a Paper White Narcissi, only a deep orange-color. Its ease of culture, and the long lasting qualities of the flowers make it an ideal cut flower. Doz., \$1.30; 100, \$9.00.

Arabicum, Star of Bethlehem, white with black base. Doz., 60c 100, \$4.00.

Thrysoides, pure white. Doz., 60c; 100, \$4.00; 1,000, \$35.00.

Thrysoides, Flore Pleno, double white. Doz., 80c; 100, \$5.50.

SCILLA NUTANS ALBA

Grown cool, it is a sure bloomer, producing a stem of twelve to eighteen inches, with a flower truss of purest white about four inches long. Best results are obtained by planting in deep flats, plunging in cold frame, then bringing them into a cool house. Per 100, \$2.30; per 1,000, \$18.00.

SNOWDROPS

Per 100 Per 1,000

Single. \$2.00 \$15.00

Double. 2.50 22.50

Giant Byzantinus. 4.00 35.00

SCILLA (Campanulata)

Per 100 Per 1,000

Blue. \$2.00 \$15.00

Rose. 2.00 15.00

White. 2.00 15.00

SCILLA (Sibrica)

Blue. Large bulbs. \$2.10 \$16.00

SPIRAEAS

For Easter and Mothers' Day
Blooming

Freeze roots before potting.

Grow 90 days for Easter.

Grow 75 days for Mothers' Day.

Temperature 55 degrees.

Pink and white varieties of best named. Per doz., \$3.50; 100, \$25.00.

Vaughan's Flower Seeds

Condensed List for Fall Sowing

Cash Discounts on Flower Seeds: On all orders for flower seeds totaling less than \$25.00 5%, and over \$25.00; 8% may be deducted if cash is enclosed.

"SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

SPECIAL OFFER — WHERE PRICE IS:

\$1.00 per pkt., we supply any 3 for \$2.50; any 5 for \$3.50; any 7 for \$4.55

\$1.50 per pkt., we supply any 3 for \$4.00; any 5 for \$6.50

\$2.00 per pkt., we supply any 3 for \$5.00; any 5 for \$7.50

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (*), are best for early winter flowering.

Varieties followed by a cross (X), we can supply ½ trade pkts. at 60c each.

	Trade Pkt.
*Afterglow. Golden bronze X	\$1.00
Bertha Baur. Charming lavender orchid shade, superseded by Schuman's Lavender	1.00
Captor (Breitmeyer). A pure white possessing long flowering spikes on strong stems	1.50
Celestial (Witterstaetter). New yellow, long stemmed and large-flowered	1.50
*Ceylon Court. Canary yellow. The best early yellow—our introduction X	1.00
Cheviot Supreme Appleblossom. (Windmiller). In color it resembles Verbena Mayflower. In late Spring the color deepens to salmon rose. It is not as early as Rose Pink Cheviot, coming as its best February 1st.	2.00
Cheviot Maid Pure White (Yoder). Flowers well placed	1.00
Cheviot Maid Yellow (Volz). Popular yellow, winter flowering	1.00
*Cheviot Maid Supreme. Deep rose pink X	1.00
*Christmas Cheer. A shade lighter than Rose Pink Supreme, free blooming, excellent stem and flower spike	2.00
Coate's Yellow Perfection. Deep golden yellow	1.00
Cornwallis. A beautiful bright rose pink, two shades brighter than Rose Queen	1.50
Daybreak (Breitmeyer). Strong, vigorous pink. Same shade as the Rose Briarcliffe	1.00
*Ethel (Kramer). Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow, early and shatterproof	2.00
Gilbert's Pink Queen Supreme. This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower heads	2.00
Glorious (Frank). A highly attractive reddish copper with yellow lip. An entirely new color. Popular in Chicago Retail Trade. Early flowering. ½ Trade pkt., \$1.25	2.00
Gorgeous (McFarland). Outstanding new yellow, slightly lighter than Coats Yellow. Large individual flowers forming spikes 15 to 20 inches long. Excellent for use after Mums. Sow after August 15th.	2.00
Hodaly's Ideal. Color, a blend of carmine rose shading into rich orange, tipped with lemon yellow. Lips golden yellow, slightly suffused with carmine, white throat. A wonderful combination of colors—Good grower, strong stiff stem, well supplied with heavy luxuriant foliage. Large flowers, well formed heads. Winter flowering strain, blooming in four months from seed. First Prize Winner at the 1939 Chicago Flower Show	2.00
Kirkwood Beauty. Bronze with a cast of gold—a striking color	1.00
La France (Windmiller). New, Beautiful soft rose pink. True selection	2.00
*Lucky Strike. Well-known pure white, grows three to four feet with splendid full spike of flowers; does not drop or shatter; plant early for winter blooming X	1.00
Marie Louise (Raasch). Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set	2.00
Marion Golden (Schumann). Yellow	1.50
Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage	1.50
Miss Wooster (De Witt). The color is a dazzling rich dark bronze. Early blooming	1.00
*Naomi (Michell). Early everblooming giant-flowered—Brilliant rose-pink with a light touch of yellow on upper lip	2.00
New Cincinnati. The finest light rose	1.00
New Dawn (Thomson). A golden orange, very pleasing color; a continuous bloomer	1.00
*New Deal. Very early, fragrant, golden bronze	1.00
*Peggy Schumann (Schumann). A new medium pink, a large close-flowering spike on a strong, sturdy stem, will not shatter and produces no blind shoots. An early bloomer	2.00
*Radiance (Thomson). A lovely, deep pink. Medium length, heavy stems, large flowers	1.00
Roman Gold. A deep golden yellow with a lip a lighter yellow X	1.00
Rose Pink Cheviot Supreme (Windmiller). This is a true Cheviot Maid, early flowering, carrying its color well in dark winter weather, small foliage. ½ trade pkt., \$1.00	1.50
Rose Queen (Witterstaetter). Dark pink X	1.00
Royal Gold. An orchid flower, the face old-gold, the upper lip shading from gold to orchid	1.50
Schrock's Orchid. True orchid color with exceptionally long and beautiful spikes	1.00
Schumann's Lavender. A true color, produces a strong sturdy stem with a spike of large moderately close flowers. An early variety that will not shatter. ½ Trade Pkt., about 1000 seeds, \$2.00, net. Trade Pkt., about 2000 seeds	3.50

HODALY'S IDEAL

First prize winner at 1939 Chicago Flower Show.



ANTIRRHINUM for Greenhouse Forcing—Continued	Trade Pkt.
Schumann's Yellow. Is a real yellow, also a strong, sturdy stem with a spike of large well-balanced flowers, an early variety and will not shatter. $\frac{1}{2}$ Trade Pkt. (about 1000 seeds) \$2.00. Trade Pkt. about (2000 seeds), Net. \$3.50	
Snow White (Windmill). Excellent white for Easter and later, semi-double flowers. Fine stem and spike. 2.00	
* Sunlight. Improved New Deal, finest extra early golden bronze. 1.00	
* Suntan. Rose shade of tan with tinge of yellow on lip \times 1.00	
Talisman. Semi-double flowers of the same shade as the Rose. Especially fine for retail trade. 2.00	
Terry's Surprise, Improved. Pink and bronze shades. 1.00	
Velvet Beauty. Rich American Beauty red in color, exceptionally stout stem. 1.00	
Westover's Fringed White. This delicate fringed white Snapdragon has long flowering spikes with large individual blooms that have unusual lasting qualities. 1.00	
* White Prosperity. A pure white. 1.50	
* White Wonder (Bezdek). A fine pure white, popular on Chicago Market. 1.50	
* Winter Helen. Lovely salmon-pink, early and winter bloomer \times 1.00	
Greenhouse Varieties Mixed , with pinks predominating.75	

Asparagus

Write for prices on larger lots.

- Plumosus Nanus.** (Lath House grown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 250 seeds, 40c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; oz., 80c; lb., \$8.00.
- Sprengeri.** 250 seeds, 35c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; oz., 80c; lb., \$8.00.

Begonia

These Begonias make excellent spring flowering plants in small pots or for combination use.

Gracilis Pink Pearl. Of dwarf, compact habit—6 to 8 inches high this new Begonia is one of the very best for pot culture. The plants form perfect balls and the flowers are well above the fresh green foliage.	Tr. pkt.	Oz.
.....	\$1.00	.....
Red Pearl. Same as Pink Pearl in growth, height and blooming habit. Color brilliant dark scarlet.	1.00	.....
Luminosa. Deep dark scarlet, foliage reddish brown, 10 in. $\frac{1}{2}$ oz., \$1.80; $\frac{1}{4}$ oz., \$5.80	1.00	\$36.00
Dwarf Luminosa. Extra dwarf, scarlet. Fine for pots. 8 in. $\frac{1}{2}$ oz., \$3.60; $\frac{1}{4}$ oz., \$2.00	1.00	.....
Carmen. Bright rose flowers, bronze foliage.	1.00	.....
..... $\frac{1}{4}$ oz., \$1.80; $\frac{1}{2}$ oz., \$3.20	1.00	.....
Carmen White. $\frac{1}{4}$ oz., \$1.40	1.00	.....
Carmen Scarlet —see Indian Maid.		
The Carmen varieties are very attractive, especially under electric lights, on account of bronze foliage.		
Fireball. Fiery crimson, 10 in. $\frac{1}{2}$ oz., 1.80	.50	.....
Indian Maid. 10 in. Bright deep scarlet buds and flowers with deep bronze foliage. $\frac{1}{4}$ oz., \$2.00	1.00	.....
Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in. $\frac{1}{2}$ oz., \$2.00	1.00	.....
Radio (Rundfunk). Large flowered, shining, pure carmine-scarlet. $\frac{1}{2}$ oz., \$2.00	1.00	.....
White Pearl. White, 10 in. $\frac{1}{2}$ oz., \$1.50	.50	.....
Christmas Cheer Red. A very large-flowered variety, color, dark crimson-scarlet.	1.00	.....
..... $\frac{1}{4}$ oz., \$1.50; $\frac{1}{2}$ oz., \$2.20	1.00	.....
Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink.	1.00	.....
..... $\frac{1}{2}$ oz., \$2.40	1.00	.....
Semperflorens Albert Martin. Bright carmine, very large flowers, 14 in. $\frac{1}{2}$ oz., 75c.	.50	.....
Darling. The plants are of ball shape, growing approximately 8 inches high; flowers are large and of a very brilliant carmine rose. $\frac{1}{4}$ oz., \$2.25	1.00	.....
Elegance. The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center. $\frac{1}{4}$ oz., \$2.00	1.00	.....
Enchantress. Fresh rose color. $\frac{1}{2}$ oz., \$1.60	.50	.....
Fire Sea (Blaze of Fire). Red flowers, green foliage. 8 in. $\frac{1}{2}$ oz., \$2.00	1.00	.....
G. Knaacke. Glowing salmony pink. $\frac{1}{2}$ oz., \$1.40	.50	.....
Glow. Foliage bronze, flowers glowing scarlet.	1.00	.....
..... $\frac{1}{4}$ oz., \$1.50	1.00	.....

BEGONIA SEMPERFLORENS—Continued	Trade Pkt.	Oz.
Lightning (Thunderbolt). Large flowers 2 in. across and deep carmine scarlet shade. 10 in.	$\frac{1}{4}$ oz., \$1.50	\$1.00
Heterosis Comp. Tausendschoen. A fine dwarf bedding variety, flowers lustrous rose. Absolutely even in growth and color. The plants are one mass of bloom. 6 in.	1.00	.....
Heterosis Essen, 1938. The buds are a bright cherry red, turning to amaranth cerise as they open. The plant branches freely and is of dwarf habit.	1.00	.....
Little Midget. A remarkably early and willing bloomer. Plants when only an inch or two in height flower freely. Color a pretty dark carmine.	1.00	.....
Scandinavia. A new outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering. 3 Trade Pkts. \$4.00.	1.50	.....
Salmon Queen. Large salmon red blooms, 12 in. $\frac{1}{2}$ oz., \$1.50	.50	.....
Winter Romance. Carmine pink flowers, light green foliage.	1.00	.....
Special Mixture of Bedding Begonias. $\frac{1}{2}$ oz., \$1.00	.50	.....

Calendula Forcing Varieties

- Ball Apricot.** Light straw or buff color with showy Trade pkt. Oz. dark center.
- Ball Gold.** Has long stem and extra large, uniformly double flowers. Light eye.
- Ball Lemon Queen.** Deep lemon yellow with attractive dark eye.
- Ball Improved Long Orange.** Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange. Quite outstanding for extra large flowers and long stems; excellent for cutting.
- Ball Long Orange.** Long-stemmed, bright golden orange, light center.
- Ball Masterpiece.** Extra long-stemmed deep orange with brown center.
- Ball White** (Moonlight). The lightest in color of all the Calendulas, being a beautiful soft cream yellow.
- Each of the above Ball Varieties. $\frac{1}{4}$ oz., 60c; 2 oz., \$3.50; 4 oz., \$6.50; lb., \$20.00 \$0.40 \$2.00
- Ball Varieties. Mixed.** $\frac{1}{4}$ oz., 50c .30 1.50
- Vaughan's Improved Sensation** (Campfire). Long stems, very double, brilliant orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape. $\frac{1}{4}$ oz., 25c; lb., \$8.00 .15 .80



TYPE OF OUR GREENHOUSE CALENDULA

Browallia

Speciosa Major Blue. A very free flowering plant for indoor blooming. Flowers size and color of single violets. Sow in early fall and give carnation temperature. Trade pkt., 35c; $\frac{1}{16}$ oz., \$1.00.

Candytuft

Use for inside or may be sown outside late in fall just before frost.

Giant Hyacinth-Flowered. Select, pure white. This Tr. pkt. Oz. is a superior strain; it grows about 1½ feet high, with enormous trusses of blooms. The best strain in existence for florists use. $\frac{1}{2}$ oz., 40c; 4 oz., \$2.25; lb., \$7.50 \$0.20 \$0.75

Coronaria Empress. White. For outdoor planting in the south.	lb., \$2.40	.10	.25
Umbellata Carminea. Carmine, 12 in.	lb., 3.60	.15	.40
Alba. White, 12 in.	lb., 3.60	.15	.40
Flesh-Pink 12 in.	lb., 3.60	.15	.40
Lilacina. Lilac, 12 in.	lb., 3.60	.15	.40
Purpurea. Crimson, 12 in.	lb., 3.60	.15	.40
Rose Cardinal. Rose-pink, 12 in.	lb., 5.00	.15	.50
Vaughan's Special. Mixed.	lb., 2.40	.10	.30

Super Giant Centaurea Cyanus (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting. Excellent for sowing outside very late in fall, just before frost for blooming in spring, and for inside use.

Trade pkt. Oz.

Black Boy. Blackish maroon.	4 oz., \$1.50	\$0.15	\$0.50
Blue Boy. Rich deep blue, very large flowers.	lb., \$4.80; 4 oz., 1.40	.15	.40
Pinkie. Deep pink.	lb., \$4.80; 4 oz., 1.40	.15	.40
Red Boy. Deep red.	4 oz., 1.40	.15	.40
Snowman. Best white.	4 oz., 1.40	.15	.40
Vaughan's Mixture of Super Giant New Varieties Mixed.	4 oz., \$1.40	.15	.40

Chinese Forget-Me-Not

Cynoglossum Amabile, Blue Bird. A lovely plant 18 to 24 inches tall, with bright blue flowers. May be grown either outside or under glass. Makes wonderful cut flower. $\frac{1}{4}$ oz., 30c .20 \$1.00

Amabile. Pink. .15 .50

Fairy Blue. New attractive deep Cambridge blue. .15 .40

Firmament. A new dwarf type of the Chinese Forget-me-not. Fifteen to eighteen inches tall, bushy, of a rich blue color, a popular color in the garden. It can also be used as a cut flower. Does not grow weedy or rank. .35

CINERARIA Maritima Candidissima, for bedding; leaves silvery white. .15 .40

Maritima Diamond. Leaves pure white. .15 .60

Cyclamen Persicum Giganteum Dlabka Strain—German Strain

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

Bright, strong colors, finely formed flowers, its blooming period is longer than other strains, which keep the plants in saleable condition for a greater length of time.

Alpine Glow. The color is a glowing salmon in the center of the flower while the upper part of the petals is silvery white.	100 Seeds	1,000 Seeds
Bright Red.	\$2.20	\$20.00
Fanal. Fiery salmon red.	1.30	11.00
Pearl of Zehlendorf. Dark salmon.	2.00	18.00
Pure Rose.	1.60	13.50
Pure White.	1.30	11.00
Red with Salmon Hue.	1.30	11.00
Rose of Zehlendorf. Light salmon.	1.60	13.50
Salmon Scarlet.	1.60	13.50
	2.00	18.00



CYCLAMEN Persicum Giganteum Binnewies Strain

Cyclamen Persicum Giganteum

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

Binnewies—German Strain

Well known strain we have carried for several years. Seed supplied in originator's packets.

	100 Seeds	1,000 Seeds	5,000 Seeds
Bonfire. Brilliant salmon.	\$1.85	\$16.50	\$76.00
Bright Red.	1.25	11.00	50.00
Dark Blood Red.	1.25	11.00	50.00
Lavender.	1.25	11.00	50.00
Morning Red (Sunrise). Light salmon, dark eye.	1.60	13.00	.....
Mozart. Deep pink.	2.00	18.50	85.00
New Ruffled Mixed.	2.20	20.50	94.50
Orange Beauty. Orange vermillion.	2.00	18.50	86.00
Pink Pearl. Salmon pink	2.00	18.50	88.00
Pure Rose.	1.25	11.00	50.00
Pure White.	1.25	11.00	50.00
Rococo Erecta Mixed. Large fringed flowers	1.75	14.50	66.00
Saffron Red.	1.55	12.00	55.00
Saffron Red Silver Edge.	1.85	16.50	76.00
Salmon Scarlet (America Improved).	2.20	17.50	80.00
Salmon Rose Improved.	1.65	14.50	65.00
Salmon Dark (Glory of Wandsbek or Perle of Zehlendorf).	1.65	13.00	60.00
Salmon Light (Rose of Zehlendorf).	1.65	13.00	60.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal).	1.25	11.00	50.00
White with Carmine Eye.	1.25	11.00	50.00
White Crested.	1.75	14.50	66.00
Binnewies Strain Mixed.	1.20	11.00	50.00

Double Cyclamen

It is a full double petaled flowering strain, the individual flowers averaging 10 petals. Seed from originator.

Admiration—A beautiful salmon rose with shaded eye.

Cerise Brilliant—Rich cerise red.

Prosperity—An azalea type, flaming rose color, extra fine and a heavy bloomer.

Rosea—A soft rose with a coral cast shading lighter at tips.

Four Varieties Mixed.

Each of above four and mixed, 100 seeds \$2.50; 1,000 seeds, \$20.00.

	Trade pkt.	Oz.
DRACAENA Indivisa. Narrow green leaves.	lb., \$4.00	\$0.15 \$0.40
Australis. Green and red colored leaves	20	.80

Delphinium

★ ★ ★ ★

PACIFIC GIANT (Vetterle and Reinelt)

This new strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers do not shatter and represent a truly outstanding addition to the cut flower market.

Galahad Series of

Pacific Hybrids. Clear white, averaging three inches in diameter of individual flowers with very

heavy glistening texture, pyramidal spikes with well spaced flowers, good branching habit, strong whippy stems. Trade pkt., \$2.00; 1/8 oz., \$4.00; 1/4 oz., \$7.00; 1/2 oz., \$14.00; oz., \$24.00.

Lancelot Series of Pacific Hybrids. A new color in Delphinium of pure lilac self tone with white bee. Individual flowers 2 to 2 1/2 inches in diameter. The growth has all the desirable characteristics making it an ideal cut and show flower. Trade pkt., \$2.00. (Crop limited.)

King Arthur. Brilliant royal violet with large white bee. Individual florets 2 1/2 inches in diameter, very thin woody stems with small foliage. Very long graceful spikes. Excellent for both cut flowers and show purposes. Mildew resistance from 80 to 90 per cent.

Guinevere. Light pink lavender self with white bee. Individual flower 2 1/2 to 3 inches in diameter, large spikes. Excellent branching habits. For cut flowers and show purposes. Mildew resistance 50 to 70 per cent.

Summer Skies. Clearest light blue with white bee. Individual florets 2 to 2 1/2 inches in diameter. Thin woody stems with very strong branching habits. Ideal for cut flower purposes. Mildew resistance 40 to 60 per cent.

Clear White. Individual florets 2 to 2 1/2 inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not Mildew resistant. Any of the above 4: Trade pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; 1/2 oz., \$8.00; oz., \$14.00.

Pacific Giant Dark Blue Shades.

Pacific Giant Light Blue Shades.

Pacific Giant Pastel Shades.

Pacific Giant Mixed. This is a mixture of the above 3 and white.

Each of above 4: Trade pkt., \$1.00; 1/8 oz., \$2.00; 1/4 oz., \$3.50; 1/2 oz., \$7.00; oz., \$12.00.

DIDISCUS COERULEUS

Vaughan's Improved Wilt Resistant Blue Lace Flower.

An improved variety with flowers of a deeper blue and half again as large. Strong heavy stems, many measuring 18 inches from first joint with well shaped flowers measuring 2 1/2 to 3 1/2 inches in diameter. Sown in August, planted in shallow benches (8 x 8") in October, it will bloom late in February, fully five weeks in advance of its regular flowering period. Not over Carnation temperature needed. Trade pkt., \$1.00; 1/8 oz., \$1.50; 1/4 oz., \$2.75; oz., \$19.50.

EXACUM. Affine. An easily grown pot plant with very fragrant flowers of bluish lilac color with yellow stamens. Excellent for basket work. 6 in. 1/4 oz., \$1.60; trade pkt., 50c.

Affine Atro-Coeruleum. Dark blue. 1/8 oz., \$2.25; trade pkt., \$1.

GERBERA Jamesonii Hybrids. New Flowerland strain. (Transvaal Daisy). The Daisy-like blossoms, 2 to 4 inches across, being borne on long stems, are unsurpassed as cut flowers.

1,000 seeds, \$3.00; 100 seeds, 40c
GREVILLEA Robusta. Silk Oak. Good for fern dishes and combination planting. Lb., \$8.00 .15 .80



Floret of Delphinium Pacific Hybrid
1/2 Natural Size

Gypsophila Elegans. Grandiflora Alba (London Trade pkt. Oz Market strain). Ours is the improved 8-9 overlapping petal strain. Pure white, not to be confused with the ordinary 4-5 petal stock. May be sown outdoors just before frost for early blooming next year.

1/4 lb., 50c; lb., \$1.60 ... \$0.20
Carmine. Carmine, better than Rosea. lb., 2.40 \$0.10 .25
Crimson. ... lb., 2.40 .10 .25

Lobelia

Erinus Crystal Palace Compacta. 4 in. Deep blue, Trade pkt. Oz. dark foliage. 1/4 oz., 50c \$0.25 \$1.80

Compacta Blue Gown. Clear deep blue, without eye, fine compact habit. 1/4 oz., 70c .25 2.60

Blue Stone Re-selected. Compact habit, large flowers, brilliant mid-blue. 1/4 oz., 60c .25

Opal. Rich opal blue, large flowered, compact. 1/8 oz., 40c .25

Mrs. Cliban. Deep blue, white eye. 1/4 oz., 80c .35 2.80

Speciosa. Dark flowers and foliage, 10 in.10 .80

Pumila Splendens, Bedding Queen. Dark blue, white eye dwarf, 4 in. 1/4 oz., 60c .25 2.00

Alba. Snowball. 4 in. 1/4 oz., 50c .25 1.80

Pendula Sapphire. For hanging baskets; large deep navy-blue with white eye. 1/4 oz., 50c .25 1.60

Annual Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop." Tr. pkt. Oz.

Hartwegii. Dark Blue, Oxford-Blue, 24 in. lb., \$3.00 \$0.10 \$0.30

Albus. White. lb., 3.00 .10 .30

Light Blue. Cambridge-Blue. lb., 3.00 .10 .30

Rose Queen. The color is rose-pink. lb., 4.00 .15 .40

Mixed. lb., 2.00 .10 .20

Giant or King Lupinus. This improved new giant strain reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.

King Dark Blue. lb., \$5.00 .15 .50

King Sky-Blue. lb., 5.00 .15 .50

King White. lb., 5.00 .15 .50

King Mixed. lb., 5.00 .15 .50

Sulphureus Superbus. Annual Yellow. Takes well of the Chicago market, 28 in. lb., \$4.00 .15 .40

Russell Lupinus

A MARVELOUS SELECTION OF PERENNIAL LUPINS

Most unusual colors and color combinations, some flowers are self colors and many bicolor; the standard being of one color and the keel of another. Lovely blue and yellow, cream and purple, yellow and orange and many other unique arrangements. The flowerettes are much larger than the other Polyphylus varieties. The spikes are crowded with blossoms and resemble a closely set well rounded column of Sweet Peas. Useful as a cut flower.

Grown from originator stock seed. Trade pkt., 75c; 1/4 oz., \$1.40; oz., \$5.00.

Reselected seeds, in originator's packets: 12 seeds, 25c; 50 seeds, 65c; 120 seeds, \$1.25; 250 seeds, \$2.50, Net.

Marigolds

Seeds sown in early fall and grown on cool, produce plants which will be in full flower for the holidays. Plant in shallow soil and space plants 12 inches each way.

Alldouble Orange and Alldouble Lemon. Each, Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.50; 4 oz., \$5.00.

Yellow Supreme. Rich creamy, broad loose-leaved petals of honey fragrance. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.25; 4 oz., \$4.

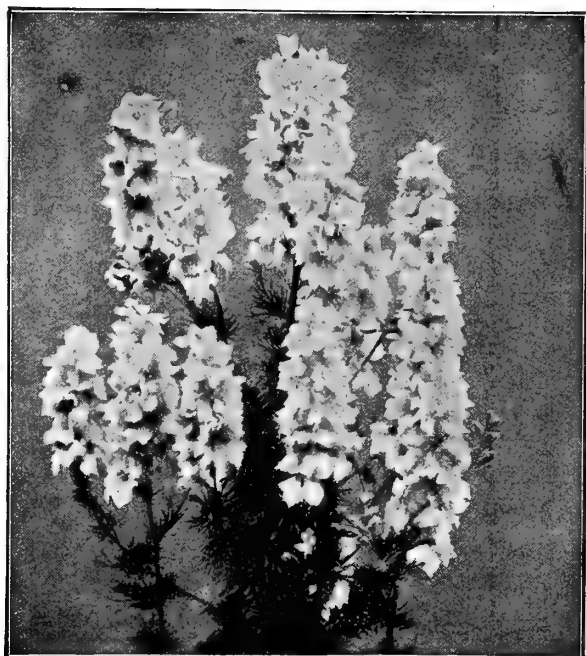
Guinea Gold. Semi-double type with long loose petals. Brilliant shade of orange flushed with gold. Trade pkt., 20c; 1/4 oz., 40c; oz., \$1.20; 4 oz., \$3.40.

Prince of Orange. True fistulosa type, new, largest well formed flowers. Glowing orange, more solid than Alldouble. Best variety for shipping. When 6 to 8 inches high, pinch so as to make them branch. 2 1/2 ft. tall. Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.60.

Lieb's Winter Flowering. Mahogany brown with golden yellow crested center. Trade pkt., 35c; 1/4 oz., 60c; oz., \$2.25.

Lieb's Winter Flowering Sunshine (New). Golden orange, yellow center. Trade pkt., 50c.

Australian Tall Tree. 4 1/2 ft. Golden yellow and brown. Latest for winter blooming. Trade pkt., 20c; 1/4 oz., 35c; oz., \$1.00.



ANNUAL LARKSPUR GIANT IMPERIAL

Annual Larkspur

Larkspurs are one of the annuals which have been introduced successfully as a greenhouse cut-flower proposition recently. Can also be sown outdoors just before freezing for early spring flowering.

To get satisfactory germination from Larkspurs in the hot summer, it is necessary to chill the seeds in an ice box for several days before sowing. Larkspurs must be grown cool.

These dry nicely and can be used as everlasting.

GIANT IMPERIAL OR BASE BRANCHING—4 ft.

This type is the most desirable for outdoor growing. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

	Trade pkt.	Oz.
Blue Bell. Fine medium blue, deeper than sky blue, lighter than lilac.....lb.,	\$10.00	\$0.25 1.00
Blue Cockade. Rich lilac blue.....lb.,	10.00	.25 1.00
Blue Spire. Dark blue.....lb.,	10.00	.25 1.00
Carmin King......lb.,	10.00	.25 1.00
Coral King. Blush pink with a suffusion of coral.....lb.,	10.00	.25 1.00
Daintiness. Delicate lavender.....lb.,	10.00	.25 1.00
Dazzler. Rich scarlet.....lb.,	10.00	.25 1.00
Exquisite Pink Improved. Salmon-pink.....lb.,	10.00	.25 1.00
Gloria Improved. Rich deep rose salmon lb.,	10.00	.25 1.00
Lilac Spire. Beautiful lilac color.....lb.,	10.00	.25 1.00
Los Angeles. Salmony scarlet.....lb.,	10.00	.25 1.00
Miss California. Deep pink on salmon.....lb.,	10.00	.25 1.00
White King. Glistening pure white.....		
Early flowering.....lb.,	10.00	.25 1.00
Vaughan's Special Mixed. All colors.....lb.,	8.00	.20 .80

STOCK-FLOWERED—4 ft.

	Tr. pkt.	Oz.
Dark Blue......lb.,	\$5.00	\$0.20 \$0.50
Empress Rose. Hermosa pink.....lb.,	5.00	.20 .50
La France. Salmon pink.....lb.,	5.00	.20 .50
Lilac Supreme. Deep lilac.....lb.,	5.00	.20 .50
Newport Pink......lb.,	5.00	.20 .50
Rosamond. Pure rose.....lb.,	5.00	.20 .50
Rose Queen. Deep rose pink without salmon shading.....lb.,	5.00	.20 .50
Sky-Blue (Ageratum Blue)......lb.,	5.00	.20 .50
White......lb.,	5.00	.20 .50
Vaughan's Special Mixed......lb.,	4.00	.15 .40

IMPROVED GIANT HYACINTH-FLOWERED 45 in.

	Tr. pkt.	Oz.
Plants produce one long non-branching spike.....		
Dark Blue, Pink, White, Lilac. Each.....lb.,	\$8.00	\$0.25 \$0.80
Mixed Improved Giant Hyacinth Fld......lb.,	5.00	.15 .50

Mignonette

	Trade pkt.	Oz.
True Machet. Vaughan's Selected Stock..... $\frac{1}{4}$ oz.,	25c	\$0.15 \$0.80
New York Market. This is an extra choice strain of Mignonette for greenhouse culture. Greenhouse grown seed..... $\frac{1}{4}$ oz.,	\$1.60	.75
The Ball. The flower spikes are especially heavy and lighter in color than other varieties..... $\frac{1}{4}$ oz.,	\$1.80: $\frac{1}{2}$ trade pkt.,	60c 1.00 6.00

Myosotis (Forget-Me-Not)

Alpestris Blue Basket. This is the darkest of all Forget-Me-Nots. Plants grow upright and are splendid for borders or cutting. Trade pkt., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Blue Eyes. Compact grower, flowers appear early, large bright blue with white eye. Trade pkt., 25c; $\frac{1}{4}$ oz., 75c; oz., \$2.40.

Victoria. Dwarf globular strain. 8 in. Trade pkt., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Sky Blue...... $\frac{1}{4}$ oz., 60c

Indigo Blue. Fine dark blue..... $\frac{1}{4}$ oz., 60c

White...... $\frac{1}{4}$ oz., 65c

Rosea. Pink..... $\frac{1}{4}$ oz., 70c

Stricta Blue Bouquet. A compact upright grower of the pillar or column type, completely smothered with attractive flowers of blue. Trade pkt., 25c; $\frac{1}{4}$ oz., 55c; oz., \$1.80.

Pink Bouquet. A companion to the above, only the flowers are a charming pink shade, splendid for pots or cut flower purposes. Trade pkt., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Indigo Blue Bouquet. Dark Blue. Trade pkt., 25c; $\frac{1}{4}$ oz., 70c.

Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding. Trade pkt., 35c; $\frac{1}{4}$ oz., 85c; oz., \$2.85.

Hybrida Ruth Fisher. Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage. Trade pkt., 50c; $\frac{1}{16}$ oz., \$1.00.

For complete list of Petunias, see our new Florists' Catalog which will be ready January 1st, 1940.

Petunias

GIANT-FLOWERING SINGLE

The flowers in this section measure from 5 to 7 inches across.

White. With yellow throat (Evening Star)..... Trade pkt., $\frac{1}{4}$ oz., \$1.20 \$0.50

Camilla. A beautiful, rose-pink color; rich crimson veining forms a wide halo toward the center..... $\frac{1}{4}$ oz., \$1.25

Copper Rose...... $\frac{1}{4}$ oz., 1.25

Copper Scarlet (Ruhm von Rieder). An outstanding variety in our trial ground. Ruffled giant anilin red flowers with large throat..... $\frac{1}{4}$ oz., \$1.50

German Empress. Lilac veined purple..... $\frac{1}{4}$ oz., 1.20

★Giants of California. Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered..... $\frac{1}{4}$ oz., \$1.00; $\frac{1}{32}$ oz., \$1.50; $\frac{1}{16}$ oz., \$2.50

Princess of Wuertemberg. Rose..... $\frac{1}{4}$ oz., 1.20

Prince of Wuertemberg. Rich dark red with dark throat..... $\frac{1}{4}$ oz., \$1.00

Salmon Beauty. (Marylyn) A unique color, much admired by women..... $\frac{1}{32}$ oz., \$2.50; $\frac{1}{16}$ oz., \$1.50

Silver Rose. Silvery rose, large veined throat..... $\frac{1}{4}$ oz., 1.20

Supreme Florist strain of Giants of California. A strain of rose and pink shades with large ruffled, shallow, open throated flowers freely produced on strong growing plants..... $\frac{1}{32}$ oz., \$2.40; $\frac{1}{16}$ oz., \$9.00

Ruffled Monsters in Mixture...... $\frac{1}{8}$ oz., \$6.00; $\frac{1}{32}$ oz., \$1.60; $\frac{1}{16}$ oz., 1.00

DWARF CALIFORNIA GIANTS IMPROVED (Vaughan Blend)

This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors. This "Vaughan Blend" is a mixture of seeds from two of Europe's best Petunia growers, whose cultures we have inspected many times. $\frac{1}{2}$ Trade pkt., 75c; Trade pkt., \$1.25; $\frac{1}{16}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00; $\frac{1}{16}$ oz., \$7.00.

Dwarf California Giants. Dark Selection. This is a favorite with many growers and it has given universal satisfaction. $\frac{1}{2}$ Trade pkt., 60c; Trade pkt., \$1.00; $\frac{1}{32}$ oz., \$3.20; $\frac{1}{16}$ oz., \$5.50; $\frac{1}{8}$ oz., \$10.00.



PETUNIA ALL-DOUBLE TYPE

Double Petunias

ALL-DOUBLE VARIETIES

	500 Seeds	1000 Seeds
All-Double Amaranth Red..... 3000 seeds, \$5.00	\$1.25	\$2.00
All-Double Appleblossom (Daintiness). Soft salmon pink flowers..... 3000 seeds, \$5.00	1.25	2.00
All-Double Dwarf Giant Fringed Pure White (Snowball)..... 3000 seeds, \$5.00	1.25	2.00
All-Double Purple..... 3000 seeds, \$5.00	1.25	2.00
All-Double Dwarf Carmine Glory. Brilliant carmine flowers. (Mammoth Peony-flowered)..... 3000 seeds, \$5.00	1.25	2.00
All-Double Dwarf Giant Fringed Loveliness. Clear pink. Very double compact habit. 3000 seeds, \$5.00	1.25	2.00
All-Double Orchid Beauty. Dwarf Giant Fringed variety averaging about 4 in. across on sturdy plants a foot tall. Color orchid or light lilac, heavily veined deeper lilac or violet. Contains semi-doubles but mostly fully double..... 3000 seeds, \$5.00	1.25	2.00
All-Double Gaiety. Rose-red and white with beautifully frilled petals. Flowers three and one-half inches across..... 3000 seeds, \$5.00	1.25	2.00
All-Double Dwarf Rose-Carmine (World Beauty) Fringed bright carmine flowers. 3000 seeds, \$5.00; 1/4 oz., \$6.50; 1/2 oz., \$12.50; 1/6 oz., \$20.00.....	1.25	2.00
All-Double Dwarf Giant Fringed Mixed (Victorious). The flowers are very large, exquisitely ruffled and fringed. Our mixture contains a very large per cent of separate colors, thereby giving you a better balanced color range than has ever been offered. 3000 seeds, \$5.00; 1/4 oz., \$6.00; 1/2 oz., \$11.50; 1/6 oz., \$20.00.....	1.00	2.00

PLEASE NOTE:

Highly bred double petunia seed is not as vigorous in growth as is that of single strains. To some extent this lack of vigor extends to the seed. Seed of our all double strains has been carefully tested in soil, and, if carefully handled, we know it will germinate 60-70%. For this reason and because of its high cost, we cannot entertain claims of non-germination of this seed. If handled with due care, we know it will grow.

PETUNIA—Continued

SINGLE SMALL-FLOWERED SORTS

Flaming Velvet. Rich brilliant velvety blood-red or crimson flower..... 1/4 oz., 90c	Trade pkt. Oz.	\$0.35	\$3.00
Hollywood Star. Five pointed star, rose pink, creamy eye..... 1/8 oz., \$1.00	.50	....
Howard's Star. Improved; re-selected..... 1/4 oz., 90c	.35	3.00	
Norma. Violet blue with white star..... 1/4 oz., 40c	.25	1.40	
Topaz Rose. The color is a fiery velvety rose slightly suffused with gold, and the throat is the color of topaz..... 1/4 oz., \$1.00	.35	3.75	
Violacea. Violet..... 1/4 oz., 50c	.25	1.70	

SINGLE SMALL-FLOWERED DWARF SORTS

Admiral. Re-selected. This is by far the best of the dwarf blue petunias. The flowers are of good size, have wavy edges and are of clear blue..... 1/2 oz., \$1.75	\$0.75	....
Alderman. Dark violet..... 1/4 oz., 60c	.25	2.00	
Blue Bird. Deep violet, extra fine..... 1/4 oz., 70c	.35	2.40	
Celestial Rose. A great improvement on Rose of Heaven, being more compact in growth and deeper in color. A beautiful rich satiny rose..... 2 oz., \$7.00; 1/4 oz., \$1.25; 1/8 oz., 75c	.35	4.00	
Cockatoo. The flowers are a velvety deep violet-purple with irregular sized white spots and stars. 8 inch..... 1/8 oz., \$1.20	.35	....
Dwarf Flaming Velvet (King Henry). Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf, compact habit..... 1/2 oz., \$1.20	.50	....
Dwarf Inimitable. Blotched and striped..... 1/4 oz., 40c	.25	1.40	
Heavenly Blue. Re-selected..... 1/4 oz., 90c	.50	4.80	
Ladybird. Bright carmine overlaid with scarlet. Excellent pot plant, and suitable for bedding.....	.75	....
Rose of Heaven Supreme. The best strain on the market. One of our "finds" on an inspection tour..... 1/6 oz., \$1.20	.50	....
Rosy Morn. Select. Pink with white throat..... 1/4 oz., 70c	.35	2.40	
Rosy Morn Improved. Very attractive color, bright, and comes very true, deeper in shade than the original..... 1/4 oz., \$1.75; 1/8 oz., \$1.00	.50	5.00	
Snow Queen. White, compact..... 1/4 oz., 50c	.25	1.60	
Twinkles. Masses of small, brilliant rose flowers with well-defined pure white star..... 1/4 oz., 50c	.25	1.80	
Vaughan's Special Dwarf Mixture. Small-flowering sorts..... 1/4 oz., 60c	.25	2.00	

BALCONY PETUNIAS

The strong branching growth makes this type especially suitable for window or porch boxes and hanging baskets.

Balcony Black Prince. A wonderful bedding variety, color of deep rich velvety red. Free bloomer. Similar to Flaming Velvet, but richer in color and approximately 100 per cent true..... 1/4 oz., \$1.70; 1/8 oz., \$1.00	Trade pkt. Oz.	\$0.35	....
Blue. A splendid strain..... 1/8 oz., 80c; 1/4 oz., \$1.50	.35	....
Carmine King..... 1/8 oz., \$1.20	.50	....
Cornflower Blue (Blue Wonder). Several shades lighter than the regular Balcony Blue..... 1/4 oz., 75c	.35	....
Copper Rose. A beautiful warm color, free bloomer..... 1/8 oz., \$1.00	.35	....
Queen (Blue Star). Blue and white..... 1/16 oz., \$1.50	.50	....
Red..... 1/4 oz., 70c	.25	\$2.60	
Rose..... 1/4 oz., 75c	.25	2.60	
Rosy Morn. This beautiful color, which for a quarter century or more has maintained its popularity in the Nana Compacta class, is now available in the Balcony type. We think the contrasting colors of pink with a white throat are even more beautiful in this new form..... 1/8 oz., \$1.25; 1/4 oz., \$2.00	.50	....
White..... 1/4 oz., 75c	.25	2.80	
Balcony Mixed, the above..... 1/4 oz., 80c	.25	2.80	

LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

Columbia (New). Pleasingly attractive pink and white. Upright habit, for border work and cut..... 1/2 oz., \$2.80; 1/4 oz., \$1.50	Trade pkt. Oz.	\$0.50	....
Dainty Lady. Dark cream. The plants are neat, compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed light golden-yellow flowers..... 1/4 oz., \$1.75	.50	....
Fluffy Ruffles. A very choice strain, finely fringed and ruffled mixture..... 1/2 oz., \$1.50; 1/4 oz., \$2.75	.50	....
Golden Jubilee. It has finely fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat with light bronze colored markings. Flowers are 3 1/2 in. in diameter and the plants very free blooming..... 1/8 oz., \$5.40; 1/4 oz., \$1.50	.75	....

Petunias—Large Single Fringed—Continued

	Trade pkt.	Oz.
Pride of Portland. Rose pink..... $\frac{1}{32}$ oz., 1.20	\$0.50	....
Theodosia. Rosy pink with a clearly defined, golden throat..... $\frac{1}{64}$ oz., \$1.00; $\frac{1}{32}$ oz., \$1.80	.50	....
White Beauty. White fringed..... $\frac{1}{32}$ oz., 1.20	.50	....

LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across)

Blue Beauty. A new large flowering Petunia of clear, deep blue. Flowers of extra large size on plants of vigorous growth..... $\frac{1}{64}$ oz., \$1.20	.50	....
Dwarf Pink Glory. Compact habit, pure flame rose pink..... $\frac{1}{32}$ oz., \$1.50	.50	....
Giant Flaming Velvet. Vivid velvety blood-red comes 100% true..... $\frac{1}{64}$ oz., \$1.20	.50	....
Dwarf Elk's Pride. Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected."..... $\frac{1}{64}$ oz., \$1.00; $\frac{1}{32}$ oz., \$1.80	.50	....
Purple Robe (Silver Seam). Silver edge blue black. A deep velvety violet, enhanced by a fine silver line, usually appearing at the edge of the flower. The best plain edged Royal Purple..... $\frac{1}{64}$ oz., \$1.20	.50	....
Queen of the Market. Deep carmine red with a scarlet hue. Flowers fine shape and slightly waved. The nearest to a scarlet Petunia..... $\frac{1}{64}$ oz., \$1.20	.50	....
Velvet Ball. This new compact and procumbent Petunia is of the same deep velvety crimson color as were Flaming Velvet, which latter sort has proved so popular..... $\frac{1}{32}$ oz., \$1.35; $\frac{1}{16}$ oz., 2.50	.75	....
Snow Storm. Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous. We think this is one of the best large-flowered single white..... $\frac{1}{32}$ oz., \$3.00; $\frac{1}{64}$ oz., \$1.75	.75	....
Vaughan's Best Mixture. Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias, both fringed and plain-edged, and will give the most satisfactory results..... $\frac{1}{16}$ oz., \$2.80; $\frac{1}{32}$ oz., \$1.50	.50	\$40.00

LARGE-FLOWERING DWARF (Erfurt Strain)

Setting Sun. 12 in. Compact bushes, brilliant rose pink. The very best of its color..... $\frac{1}{64}$ oz., \$1.50	.50	....
White Cloud. 12 in. A great favorite on account of its dwarf compact habit..... $\frac{1}{32}$ oz., \$1.50; $\frac{1}{16}$ oz., \$2.65	.50	....

Phlox Drummondii Grandiflora

These grandiflora varieties make fine cut flowers. For best results, sow seed where you want them to bloom.

Alba. White.	Isabellina. Yellow.
Alba Oculata. White with dark eye.	Kermesina Splendens. Crimson.
Brilliant. Rose with dark eye.	Stellata Splendens. Scarlet with white eye.
Chamois Rose. Carmine eye.	Vermilion Scarlet.
Cinnabarina. Brilliant red.	Violet with white eye.
Flaming Velvet. Deep velvety red.	Violet Blue.
Each of above..... $\frac{1}{4}$ oz., 30c	Tr. pkt. Oz.
Best large-flowering. Mixed. lb., \$10.00; $\frac{1}{4}$ oz., 25c	.15 .90
Gigantea Art Shades mixed. $\frac{1}{4}$ oz., 50c	.25 1.60
Salmon Glory. Pure salmon pink with creamy white eye. New.....	.50
Vaughan's Special Mixture. Includes all the grandiflora varieties listed and others..... $\frac{1}{4}$ oz., 45c	.25 1.40

VAUGHAN'S BEAUTY

This fine strain of large flowering dwarf Phlox is especially recommended for pot culture, combination and border planting. The plants grow about 8 inches high, compact, and very free-blooming.

Alba. White.	Coerulea Striata. Bluestriped.
Chamois.	Delicata. Apricot pink, dark eye.
Coccinea Scarlet.	
Each of the above. Trade pkt., 35c; $\frac{1}{4}$ oz., \$1.00.	
Phlox Vaughan's Beauty. Mixed. Trade pkt., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.00	

DWARF GENEVA GIANT PANSIES

Special selection of Geneva Giants of dwarf habit. Rich assortment of colors. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.00; oz., \$6.40.



GIANT MIXTURES

Vaughan's Long Stemmed Winter Flowering Re-selected Mixed.

This strain is the result of a great amount of individual plant selection work and represents the finest strain of Long Stemmed Pansies that we have ever seen. It has a much wider color range than other Winter Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from 2½ to 3 in. and the flowers are of very good substance. Sow in summer for Midwinter blooming. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.50.

VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.80; oz., \$6.00. 2 oz., \$11.50; 4 oz., \$20.00; lb., \$70.00.

VAUGHAN'S SUPER SWISS GIANT MIXTURE

We have made a special mixture from three or four growers' stocks. Many of the flowers are five blotted. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.20; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.75; oz., \$7.00.

GENEVA GIANT MIXED

A special selection of Swiss Giants. The seed we supply is from the originator in Geneva, Switzerland. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$2.25; $\frac{1}{4}$ oz., \$4.20; oz., \$16.00.

SWISS DWARF MIXED

For those who desire a dwarfier plant than the original type, we have had our grower make this selection. The colors are the same as in the original strain but the plant itself is considerably shorter. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.80; oz., \$6.00; 4 oz., \$20.00

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.80; oz., \$6.00; 4 oz., \$20.00; lb., \$70.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

This strain is even finer than the above, with flowers of unbelievable size and texture, larger than in any other strain; while the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.30; $\frac{1}{4}$ oz., \$2.50; oz., \$9.00.

Pansies—Continued

VAUGHAN'S GIANT MIXTURE

Besides a good share of the "Fancy" strains such as Masterpiece, Swiss Giant, etc., this mixture contains all the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00.

VAUGHAN'S INTERNATIONAL MIXTURE

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, Triumph of the Giants, Boulogne Giants—all 3- and 5-spotted flowers of largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self-colors, such as white, blue and yellow, these should be ordered separately if desired. Trade pkt., 50c; $\frac{1}{8}$ oz. 90c; $\frac{1}{4}$ oz., \$1.65; oz., \$6.00; 4 oz., \$20.00.

America, Ideal Bedding or Basket Pansy (Improved Donovan). Good substance with wide color range. Free flowering. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.80; oz., \$6.00; 4 oz., \$20.00; lb., \$70.00.

Boulogne Giant Mixture. The flowers are large size, great substance. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.40; $\frac{1}{4}$ oz., \$2.60.

Engelmann's Special Mixture. Scottish show type, immense flowers, bronze and reddish shades, compact and early flowering. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.20; $\frac{1}{4}$ oz., \$2.25; oz., \$8.00.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.20; $\frac{1}{4}$ oz., \$2.25; oz., \$8.00.

Orchid Flowered Eldorado Art Shades. A lovely type, including only pretty tints and combinations of cream, primrose, pale mauve and other delicate shades, the well-formed flowers being exquisitely frilled. These delicate shades should not be mixed with stronger colors. Trade pkt., 35c; $\frac{1}{4}$ oz., \$1.10; oz., \$3.80.

Jumbo Mixed. Extra large and early; long stemmed flowers. $\frac{1}{16}$ oz., \$1.00; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.25; $\frac{1}{2}$ oz., \$6.25; oz., \$12.00.

Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.20.

Trimardeau Mixed. Many colors. Trade pkt., 15c; $\frac{1}{4}$ oz., 30c; oz., \$1.00; lb., \$10.00.

True Scotch Show Mixture. Fancy mixture in excellent range of colors, including carmine, ruby and brown, all beautifully blotched, with flat substantial flowers. Short habit, large leaves. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.80; oz., \$6.00.

PANSIES—SEPARATE SORTS

	Trade pkt.	$\frac{1}{4}$ Oz.	Oz.
Adonis. Light blue, white center.....	\$0.25	\$0.40	\$1.40
Apollo. Bronze.....	.25	.50	1.60
Beaconsfield. Deep purple, upper petals white.....	.25	.40	1.40
Black. Large flowered, true black.....	.25	.40	1.40
Blue Boy (Early Flowering). Clear, pure, silvery lilac.....	.25	.40	1.40
Bugnot. Shades of red, bronze and cardinal..	.25	.70	2.40
Rembrandt. Compact habit of plant, long stemmed, five blotched, vivid bronze-orange.....	.50	1.20	4.20
Cardinal. Brilliant red.....	.25	.60	2.00
Delft Blue. Porcelain blue, a very unique color.....	.50	1.65	6.00
Emperor William. Dark navy-blue.....	.25	.40	1.40
Fanal. Scarlet without an eye. $\frac{1}{8}$ oz., \$1.00.....	.35	.....	.....
Golden Queen. Yellow without blotches....	.25	.40	1.40
Madame Perret. Shades of pink and rose..	.25	.40	1.40
Orion. Early flowering, deep golden yellow blotched.....	.35	.75	2.40
President McKinley. Golden yellow, five spotted.....	.25	.60	2.20
Prince Henry. Darkest blue.....	.25	.40	1.40
Purple. Very large, rich deep purple.....	.25	.40	1.40
White with Dark Eye. Very large.....	.25	.40	1.40
White, Pure. Without blotches.....	.25	.40	1.40
Yellow with Black Eye.....	.25	.40	1.40
Baby Delight. Early flowering, blooming in 70 days from seed. Makes dwarf but compact bushy growth with a height of not more than 8 in. The flower is lovely light blue, with a pleasing "face," about 1 inch in diameter. Trade pkt., 50c; $\frac{1}{8}$ oz., 80c.			

PANSIES—SWISS SEPARATE SORTS

	Trade pkt.	$\frac{1}{4}$ Oz.	Oz.
Swiss Alpenglow. Rich wine-red shades.....	$\frac{1}{8}$ oz., \$1.00	\$0.50	\$1.75 \$6.00
Swiss Berna. Dark violet-blue... $\frac{1}{8}$ oz., 85c.....	.50	1.50	5.00
Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultra-marine blue with darker blotches. Ideal for cemetery planting.....	$\frac{1}{8}$ oz., 85c.....	.50	1.50 5.00
Swiss Coronation Gold. Flowers canary yellow with lower petals flushed golden orange, round flowers as much as 3 in. across, with slightly ruffled edges, mild spicy scent. Some flowers show rays and lighter yellow flowers. This is the best pure yellow pansy.....	$\frac{1}{8}$ oz., 85c.....	.50	1.50 5.00
Swiss Fire Beacon. Very unusual shade, bright wallflower red with a touch of orange.....	$\frac{1}{8}$ oz., \$1.25.....	.50	2.25 8.00
Swiss Luna. Soft sulphur yellow self, round substantial flower with frilled edge. A delicate and lovely color, varies... $\frac{1}{8}$ oz., \$1.25.....	.50	2.25	8.00
Swiss Ophir. Blotched golden yellow.....	$\frac{1}{8}$ oz., \$1.00.....	.50	1.75 6.00
Swiss Pure Yellow. The flowers are not so large as those of the other Swiss sorts.....	.50	1.35	5.00
Swiss Pure White. Very free blooming, large, well-shaped flower. The best pure white Pansy.....	$\frac{1}{8}$ oz., \$1.00.....	.50	1.85 7.00
Swiss Rhinegold. Canary yellow with dark blotches.....	$\frac{1}{8}$ oz., \$1.00.....	.50	1.75 6.00

RANUNCULUS. Sow seed from August to October Trade pkt. Oz. in cold frame. They come up in from 2 to 3 weeks. Bloom from June to August. Are suitable for beds and borders, fine for pot culture, excellent for cutting and bouquets. May be forced in greenhouse. After bulbs have formed, grow on in well manured soil. Height, 1 ft.

Vaughan's Super Hybrids Mixed... $\frac{1}{4}$ oz., \$1.40 \$0.75 \$5.00

Double Camellia Flowered. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in. $\frac{1}{4}$ oz., \$1.20 .50 4.00

Claremont Hybrid Sunset. Orange..... .75 6.00

Bonnie Lassie. Pink..... .75 6.00

Huntsman. Red..... .75 6.00

Hybrids. Mixed colors..... $\frac{1}{4}$ oz., \$1.40 .75 5.00

Salvia Splendens

America (Globe of Fire). A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes... $\frac{1}{4}$ oz., 60c; lb., \$26.00.....	.35	2.00
Clara Bedman (Bonfire). Erect habit—the old standby, 16-inch.....	$\frac{1}{4}$ oz., 50c; lb., \$18.00.....	.25 1.80
Early Harbinger (Fire Brand). Northern grown seed. Of uniform type, about 15 inches in height, free and early flowering.....	$\frac{1}{4}$ oz., \$1.20.....	.50 4.00
Fire Charm. A very dwarf form of Fireball. Very early flowering, fine for planting combination baskets or boxes. This sort will flower in a two inch pot. 500 seeds, 65c; 1000 seeds, \$1.00; $\frac{1}{4}$ oz., \$1.80.....	...	6.00
Fireball. Extra choice strain; free-flowering, 14-inch.....	$\frac{1}{4}$ oz., 60c; lb., \$24.00.....	.35 2.00
Rocket. Extra early, dwarf. $\frac{1}{4}$ oz., 85c; 4 oz., \$11.00.....	.35	3.00

SCHIZANTHUS VAUGHAN'S DWARF MASTERPIECE

This is to our knowledge the best strain of Schizanthus in existence. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well-balanced from light pink to rose, very pleasing dark violet, all with conspicuous blotches. A splendid item for Mother's Day. Trade pkt., 50c; $\frac{1}{16}$ oz., \$1.00.

SCHIZANTHUS. Vaughan's Excelsior Hybrids. Trade pkt. Oz. An extra select strain with large flowers containing a perfect blend of colors for greenhouse culture. Makes a fine cut flower..... $\frac{1}{16}$ oz., \$1.00 \$0.50

Sweet Peas

Spring Flowering Type (Intermediate)

Plant after "Mums"

When tested in the greenhouse under commercial conditions the Spring Flowering type performed outstandingly well in the Spring months, giving excellent flowers on long stems when the regular Early Flowering types had given out. The Spring Flowering type also gives a much heavier crop of flowers than the standard Early Flowering type. Seed of the "Spring Flowering" type should not be sown before September or October in the greenhouse for flowering during March, April and early May. The stems average four to six inches longer than the Earlys.

Spring Flowering Blue. A splendid clear marine blue. The shade is similar to the Late Flowering Spencer Amethyst and just

Each of above, $\frac{1}{2}$ oz., 75c; oz., \$1.40; 4 oz., \$5.00.

slightly lighter than the Early Flowering variety Mariner. Spring Flowering Blue is one of the most vigorous of the new Spring Flowering class.

Spring Flowering Lavender. The shade of this appealing color is similar to that of Early Memory or to the Late Spencer variety Powerscourt. This is a beautiful clear lavender.

Spring Flowering Rose Pink. The flowers of this grand vigorous variety are of a beautiful clear rose pink shade. Those familiar with the Late Flowering variety Pinkie or the Early Flowering varieties Giant Rose or Shirley Temple will find Spring Flowering Rose Pink to be similar in shade.



SPRING FLOWERING SWEET PEAS

★ We recommend the starred varieties as the best of their colors.

Early Flowering Spencer Novelties

★**Boon.** Deep salmon pink on light cream ground. $\frac{1}{2}$ oz., 20c; oz., 35c; 4 oz., \$1.20; lb., \$4.00.

Bridesmaid. A charming deep silvery pink color with stems unusually long. $\frac{1}{2}$ oz., 20c; oz., 35c; 4 oz., \$1.20; lb., \$4.00.

Chime. A most pleasing shade of light salmon pink on cream ground. Oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Colleen. Fragrant, brilliant rose suffused with gold. Oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Danube. Large, ruffled blooms of a clear lavender blue, on long straight stems. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

★**Daphne.** A soft salmon pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.50.

Delicious. Crushed strawberry color. Oz., 50c; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00.

Emblem. Beautiful salmon-pink tone on the cream ground. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Florist Blue. Pure blue. Oz., 35c; 4 oz., \$1.00; lb., \$3.40.

Florist Rose. A pure rose-pink. Oz., 35c; 4 oz., \$1.00; lb., \$3.40.

Iris. Deep "Iris Blue" with the wide spread wings keeping to a bit lighter hue than the standard which is very broad and quite wavy. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.80.

Navy Blue. A rich dark blue, four flowers to a stem, long stiff stems and a vigorous grower. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.80.

Peeress is a robust growing variety and gives a heavy crop of blossoms. The color is pleasing clear rose cerise. Oz., 90c; 4 oz., \$3.50; lb., \$12.00.

Princess Blue. Rich light blue. Oz., \$1.00.

Rose Picotee. Pure white with salmon-rose edging or picotee. It is definitely a new color in the early group. Oz., 50c; $\frac{1}{4}$ lb., \$1.40; lb., \$5.00.

★**Sequoia.** A rich golden salmon cerise pea, frilled and wavy. The flowers are enormous on long stout stems. $\frac{1}{2}$ oz., 20c; Oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Shirley Temple. A soft rose pink. It has long stems. $\frac{1}{2}$ oz., 20c; 1 oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.40.

Sonnet. The flowers are very large, soft pink shade, borne on long stout stems by very vigorous growing vines. Oz. 30c; 4 oz., \$1.00; lb., \$3.40.

Sunproof Orange. Of a bright scarlet orange hue—with a hint of more orange in the standard. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.80.

★**Tahoe.** Both the wavy standards and ruffled wings have the same delightful shade of mid-blue. $\frac{1}{2}$ oz., 30c; 1 oz., 40c; 4 oz., \$1.25; lb., \$4.75.

Titania. Mammoth flowered deep rose self, with white ground at the base. Oz., 60c; $\frac{1}{4}$ lb., \$2.00; lb., \$7.00.

Top Hat. Deep purple-blue. Oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Treasure Island. A sparkling golden orange, very large flowered and semi-duplexed. $\frac{1}{2}$ oz., 50c; 1 oz., 90c; 4 oz., \$3.20; lb., \$12.00.

★**Triumph.** Lovely soft lilac-mauve. $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.40.

White Champion. Pure white variety with white seed. An Australian variety which has become popular in Los Angeles market. Oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.40.

Zvolanek's Salmon. Salmon cerise, large flowers, strong stems. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Zvolanek's Supreme Orange. Clear orange, large flowers, strong stems. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

GENERAL LIST EARLY FLOWERING SPENCER

Any of the below, except where noted otherwise, $\frac{1}{2}$ oz., 20c; 1 oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.40.

BLUE

Ball Blue. Clear mid-blue, good bloomer.

Blue Bird. Violet Blue. Some prefer Mrs. Hoover.

Blue Bonnet. Extra large, fine deep blue.

Blue Boy. Clear blue.

Eleanor Blue. Long stems.

Mariner. Clear blue flowers.

★**Mrs. Herbert Hoover.** Best early clear blue.

CREAM

Oriental. Deep cream, black seeded, large flowers.

LAVENDER

Burpee's Lavender. Lovely light Wisteria lavender.

Fragrance (Intermediate). Large frilled lavender flowers, fragrant.

★**Harmony.** Most popular lavender.

Michigan. A mammoth dark, pure lavender.

★**Vogue.** An improved Early Harmony, standard lilac lavender, flushed rosy lavender and wings clear lilac-lavender.

SALMON

★**Apollo.** A soft salmon pink. Fine spring bloomer.

Attraction. Bright salmon pink.

★**Mrs. Calvin Coolidge.** Rich salmon, pink.

ROSE AND PINK

Annie Laurie. Richest tone of pure rose pink.

American Beauty. A rich crimson rose.

★**Ball Rose Improved.** Extra rich deep rose.

Colossal Rose. Largest rose pink, long stem.

Columbia (Intermediate). Salmon rose standard, white wings.

★**Eileen.** Rich Begonia-rose with salmon shading.

Exposition Pink. Large waved rich pink, long stems.

Giant Rose. Rose-pink.

★**Jeanne Mamitsch.** Striking pink, shading off to deepest pink.

Josie. Brilliant rose pink, vigorous, large flowers, long stems.

★**Laddie Improved.** An enormous rose-pink.

Sweet Peas—Early Flowering Spencer—Continued

Any of the below, except where noted otherwise, $\frac{1}{2}$ oz., 20c;
1 oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.40.

ROSE AND PINK—Continued

Majestic Rose. Immense deep rose-pink flowers on long stems.

★**Mrs. Holscher.** Rose-pink.

Pride. Pure cerise, large flowers on long stems.

★**Ramona.** Coral rose with yellow and pink shadings.

Success. Sparkling rose pink on white ground.

Sunray. Brilliant glowing yet soft cerise on cream ground.

Zvolanek Rose. A giant rose-pink; sow to follow the "mums."

SCARLET

★**Grenadier.** A glowing poppy-scarlet.

★**Red Bird.** Bright crimson red.

Redwood. A deep, bright-rich crimson.

Vulcan. Vivid scarlet.

ORANGE

Ball Orange Improved. $\frac{1}{2}$ oz., 25c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.20; lb., \$4.00.

Forty-niner. Bright deep orange.

★**Valencia.** Color bright orange, sun-proof.

Zvolanek's Orange Beauty. Free blooming, fiery orange, does not burn.

WHITE

Ball's White. A white-seeded white, rich fragrance. Extra long stems. $\frac{1}{2}$ oz., 25c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.20; lb., \$4.00.

Burpee's White. Glistening white, sweet scented.

★**Hope.** A mammoth flowered black seeded pure white.

Snowstorm Improved. White, of great substance.

★**White Harmony.** A standard black-seeded white.

Zvolanek's White Rose. Mammoth flower, beautifully shaped.

MISCELLANEOUS

Amethyst. An early-flowering "Royal Purple."

Elk's Purple. Long stemmed reddish purple.

Early Flowering Spencer. Vaughan's Special Mixture from named sorts.

STREPTOCARPUS. Large-flowering Hybrids. Trade pkt. Oz.

Fine greenhouse and decorative subjects, producing a continuous succession of trumpet-shaped flowers, and embracing a wide range of color... $\frac{1}{4}$ oz., \$1.80 \$1.00

THUNBERGIA. Mixed. Fine climber for window boxes and hanging baskets..... .15 \$0.60

Gibsoni. A lovely new graceful climber for covering pillar and trellis work in greenhouses, or may be flowered outdoors in Summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange. 100 seeds, \$2.00
..... 1000 seeds, \$18.00

SHAMROCK. Sow early.....lb., \$5.00 .15 .50

SMILAX......lb., 5.00 .15 .50

STATICE Suworowii. Russian. Also known as "Rat Tail." Flowers bright rose color. Sow inside for winter blooming..... 4 oz., \$2.00 .15 .60

STEVIA Serrata. White, fine cut-flower. $\frac{1}{4}$ oz., 40c .25 1.40
Lindleyana. White. Is very useful for florist work..... $\frac{1}{8}$ oz., \$1.00 .50

TORENIA Fournieri. Makes a fine pot plant for Mother's Day sales and very useful for combination baskets. Flowers blue with dark blotches on lip. 12 inch..... $\frac{1}{4}$ oz., 60c .25 2.20

Geffion. New. Dwarf, deep blue..... $\frac{1}{8}$ oz., 70c .35

White Wings. Ivory, tinted rose..... .25

TRACHELIUM Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. Sow in October-November. Height, 18 inch. Fine pot plant and flowers useful for cutting..... $\frac{1}{8}$ oz., \$1.00 .35



VERBENA Beauty of Oxford Hybrids

Verbena

Trade pkt. Oz.

Gigantea Beauty of Oxford Hybrids. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed..... $\frac{1}{4}$ oz., 60c \$0.35 \$2.00

Alba. Very large, pure white..... $\frac{1}{4}$ oz., 50c .25 1.60

Appleblossom. Almost white shading to cameo-pink on the edge..... $\frac{1}{4}$ oz., 85c .35 2.80

Cerise Queen. Salmon cerise..... $\frac{1}{4}$ oz., 50c .25 1.80

Crimson Glow. A pure glowing crimson without an eye..... $\frac{1}{4}$ oz., 50c .25 1.80

Etna. Geranium-red with a small creamy yellow eye..... $\frac{1}{4}$ oz., 50c .25 1.80

Floradale Beauty. Large-flowered rose shades with salmon-rose predominating..... $\frac{1}{4}$ oz., 65c .35 2.25

Lavender Glory. True lavender with creamy white eye. Fragrant. About 80% true.... $\frac{1}{4}$ oz., 65c .35 2.00

Luminosa. Flame-pink, toning to softer shades of salmon flesh and coral..... $\frac{1}{4}$ oz., 50c .25 1.60

Lucifer. Red..... $\frac{1}{4}$ oz., 50c .25 1.60

Rosea Stellata. Pink, white eye..... $\frac{1}{4}$ oz., 50c .25 1.60

Rose Cardinal. Bright red..... $\frac{1}{4}$ oz., 50c .25 1.60

Royale. Royal blue with creamy eye... $\frac{1}{4}$ oz., 70c .35 2.40

Sutton's Giant Pink. Salmon pink... $\frac{1}{4}$ oz., 50c .25 1.80

Violacea Stellata. Violet, white eye... $\frac{1}{4}$ oz., 50c .25 1.80

Gigantea. Mixed..... $\frac{1}{4}$ oz., 40c .25 1.40

Royal Bouquet Mixed. This variety has an upright growth on straight stems, making it a good cut-flower sort and a symmetrical bedding plant. The flowers are very large, in many charming colors; 15-18 inch..... $\frac{1}{4}$ oz., 65c .25 2.20

Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. $\frac{1}{4}$ oz., 70c; 2 oz., \$4.00; .25 2.40

Vinca Rosea

This seed should be sown early to secure salable plants in spring.

Rosea, Pink...... $\frac{1}{4}$ oz., 25c \$0.15 \$0.80

Fl. Albo Oculata. White with pink eye. $\frac{1}{4}$ oz., 25c .15 .80

Alba Pura. Pure white..... $\frac{1}{4}$ oz., 25c .15 .80

Delicata. Soft pink..... $\frac{1}{4}$ oz., 25c .15 .80

Kermesina. Bright red, dark green leaves with red stems. New..... $\frac{1}{4}$ oz., 30c .20 1.00

Mixed...... $\frac{1}{4}$ oz., 25c .15 .60

Stocks

Varieties preceded by (★) star are the most popular colors.

A leaflet on "Methods of Selecting Double Flowered Stocks in the Seedling Stage" by S. L. Emsweller, will be included in all orders for Stocks seed.

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

- American Beauty**, (Deep rose). **Malmaison Pink**. Beautiful shell pink.
★Chamois Pink. **Moonlight**. Light yellow.
★Ball Blue. Dark lilac blue. **★Silvery Lilac**. Lilac lavender.
★Ball Pink (No. 11). Light rose pink exact shade of Bismarck Rose. Long stemmed flowers, well placed on stem. A very pleasing color in the Non-Branching type.
Ball Rose Pink (No. 14). A deep selection from Ball No. 11; a rose-pink, not a deep heavy rose. Long-stemmed, therefore about ten days later than Ball No. 11. Good market color.
Each of the above: ½ trade pkt., 60c; Trade pkt., \$1.00; ¼ oz., \$1.25; ¼ oz., \$2.25; Oz., \$8.00.
Non-Branching Column. Mixed. All colors. ½ Trade Pkt., 60c; Trade Pkt., \$1.00; ¼ oz., \$1.25; ¼ oz., \$2.25; Oz., \$8.00.
★Vaughan's White No. 1. By personal inspection this strain is, in our judgment, the finest pure white Non-Branching Column Stock in existence. ½ Trade pkt., 60c; Trade pkt., \$1.00; ¼ oz., \$1.50; ¼ oz., \$2.50; oz., \$9.00.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

- Blood Red "The Red Woods"** **Pink "Monterey"**
Blue "Pacific" **Rose "Yosemite"**
Chamois "Santa Barbara" **★White "Santa Maria"**
Lavender "Tahoe" **Yellow "Golden Gate"**
Each of above, Trade pkt., 35c; ¼ oz., 65c; ¼ oz., \$1.15; oz., \$4.00
Mixed, the above, Trade pkt., 25c; ¼ oz., 60c; oz., \$3.40.

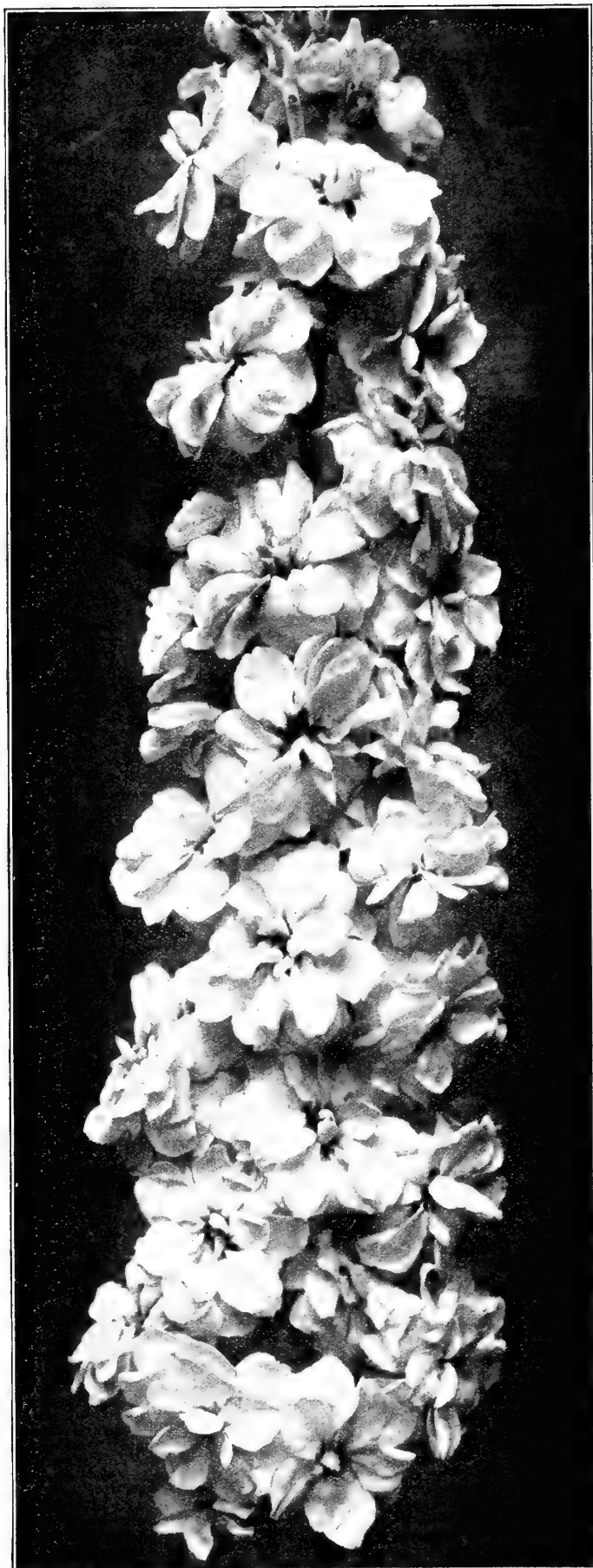
IMPROVED GIANT BISMARCK

One of the best Stocks, both for inside and outside planting. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers. If planted closely they make one spike with hardly any side branches.

- Antique Copper Appleblossom**. (Used by many for white.)
★Buttercup. Deep golden yellow.
★Chamois **Dark Blue** **Elk's Pride**. Royal purple.
Flesh. Delicate Pink **Fiery Blood-Red**
Golden Rose **★Lavender** **★Lilac** **Old Rose** **★Rose**
★Shasta. Vigorous, glistening white. Trade pkt. Oz.
Each of the above: ½ oz., 60c; ¼ oz., \$1.00 \$0.35 \$3.00
Giant Bismarck, Mixed. All colors. ¼ oz., 60c .25 2.20
★White Wonder. It is a tall growing variety of the Bismarck type in habit. The heads are very large and the individual flowers are closely set and of extraordinary size. ¼ oz., .90 .35 3.20

Wallflower

- Double Annual "Early Wonder."** Comes into bloom within five months from sowing; seedlings will produce beautiful, sweet scented flowers during Winter and early Spring, in the cold frame or a cool house. These must be grown in 4-inch flats, they do not like too much root room. 2 ft. Trade pkt. Oz.
Canary-Yellow (Gold Standard)..... ¼ oz., 75c \$0.25
Dark Brown..... ¼ oz., 75c .25
Double Annual Early Wonder Mixed.. ¼ oz., 50c .25 \$1.80



STOCK NON-BRANCHING COLUMN

Hardy Perennial Plants

All Perennials Are Furnished in Strong Pot Plants or One-Year Field Roots, except as noted below.

Five or more of one variety at the ten rate. Twenty-Five or more at the hundred rate. Less than five at double the rate per hundred. Varieties marked X are Rock plants.

	10	100
ACHILLEA Crimson Beauty. Light crimson. 2 ft. June-Sept.	\$1.00	\$8.00
Parmica Perry's Variety. Double white, 1½ ft.	1.00	8.00
AJUGA Genevensis. X. Dark blue. Compact. 4 in. May-June.	1.25	10.00
Reptans Rubra. X. Blue, bronze foliage. 4 in. May-June.	1.25	10.00
ALYSSUM Saxatile Compactum. Yellow. 1 ft. May.	1.25	10.00
ANCHUSA Myosotidiflora. X. Blue. 1 ft. April.	1.25	10.00
Italica Dropmore. Blue. 5 ft. June-July.	1.25	10.00
ANTHEMIS Tinctoria Perry's Variety.		
Yellow. 2 ft., all summer.	1.25	10.00

AQUILEGIA (Columbine)

Coerulea. Blue and white. 2 ft. June.	1.25	10.00
Crimson Star. Coppery crimson, long spurs, 2½ ft. June.	1.85	15.00
Imperial Hybrids. Choice Long Spurred Mixture.	1.25	10.00
Mrs. Scott Elliott. Long Spurred Mixture. 2½ ft. June.	1.25	10.00

ARABIS Alpina. X. White. 8 in. May.	1.00	8.00
ARMERIA Bee's Ruby. X. Deep pink. 18 ins. May-June.	1.25	10.00
ARTEMISIA Silver King. Silvery foliage. 3 ft. Valuable as dried flower.	1.00	8.00
Lactiflora. Creamy white. 4 ft. Sept.-Oct.	1.00	8.00
ASCLEPIAS Tuberosa. Orange. 2 ft. July-Aug.	1.25	10.00
ASPARAGUS Verticillatus. Fine foliage plant. 12 ft.	.75	6.00
ASTER Alpinus. X. Blue. 9 in. May-June.	1.25	10.00
Charles Wilson. New. Best red. 2½ ft. September.	1.50	12.00
Climax. Blue. 4 ft.-5 ft. Sept.-Oct.	1.25	10.00
Harrington's Pink. Salmon pink. 3 ft. Sept.	2.25	18.00
Hybridus Luteus (Solidago). Small yellow. 2 ft. Sept.	1.85	15.00
Mount Everest. White. 3 ft. Sept.	1.50	12.00
Queen Mary. Blue. 4 ft. Sept.	1.15	9.00
Red Rover. Rosy red. 3 ft. Sept.	1.25	10.00
Snowdrift. White. 3 ft. Sept.	1.25	10.00
Skylands Queen. New. Clear blue. 3 ft. September.	1.50	12.00
Subcoeruleus. X. Mauve. 1 ft. June.	1.25	10.00
Sunset. X. Rose-pink. 2 ft. Sept.	1.50	12.00
Warburg Star. X. Lavender blue. 6 in. May.	1.85	15.00

New Dwarf Varieties		
Countess of Dudley. Clear pink. 12 in. Sept.	1.25	10.00
Nancy. Flesh pink. 9 in. Sept.	1.25	10.00
Victor. Lavender blue. 8 in. Sept.	1.25	10.00
Snowsprite. X. White. 6 in. Sept.	1.25	10.00
AUBRIETIA Hybrids. X. (Wall Cress). Shades of lavender. 6 in.	1.25	10.00
BAPTISIA Australis. Blue. 3 ft. June-July.	.85	7.00
BOLTONIA Asteroides. White. 5 ft. Aug.	1.25	10.00

CAMPANULA

CAMPANULA Carpatia. Blue. X. 9 in. July-Aug.	1.00	8.00
Carpatia Alba. X. White. 9 in. July-Aug.	1.00	8.00
Glomerata Superba. Purplish blue. 2-3 ft. June-July.	1.00	8.00
Persicifolia. Blue. 2 ft. June-July.	1.00	8.00
Alba. White. 2 ft. June-July.	1.00	8.00
Telham Beauty. Blue. 2 ft. June.	1.25	10.00
Pyramidalis. Blue. 5-6 ft. Aug.-Sept.	1.25	10.00
Alba. White. 5-6 ft. Aug.-Sept.	1.25	10.00

CARNATION Grenadin. 1 ft. July. Pink, yellow, red and white.		
These are all selected double.	1.25	10.00
CASSIA Marylandica. Yellow. 4 ft. Aug.	1.00	8.00
CENTAUREA Montana. Blue. 2 ft. July.	1.00	8.00

CHRYSANthemum		
Chiffon (New). Fringed and lacinated semi-double white flowers on stout stems over a long blooming period. An outstanding novelty.	1.85	15.00
Hartze and Elder. White. ½ ft. Earliest to bloom.	1.00	8.00
Maximum (Shasta Daisy). White. 2 ft. July-Aug.	1.00	8.00
Supreme. Large white. One of the best. 2 ft. July-Aug.	1.25	10.00
Uliginosum. White. 3 ft. Sept.	1.25	10.00
CHRYSOBOLTONIA Pulcherrima. New hybrid daisy. Pale pink. 1½ ft. Sept.	1.85	15.00
CIMICIFUGA Racemosa. White. 4 ft. July-Aug.	1.25	10.00
CLEMATIS Recta Grandiflora. White. 2 ft. June-July.	1.25	10.00
COREOPSIS Lanceolata. Yellow. 2 ft. June-Aug.	.85	7.00
Double Sunburst. Double yellow. 2½ ft. June-Aug.	1.50	12.00

DELPHINIUM (Perennial Larkspur)

DELPHINIUM Belladonna. Light blue. 4 ft. All summer.	1.00	8.00
Bellamosum Improved. Sparkling blue. 4 ft. All summer.	1.00	8.00
Blackmore & Langdon. Hybrid Mixture. 4 ft.	1.50	12.00
Formosum. Dark blue, white center. 4 ft. All summer.	1.00	8.00
Indigo. (True blue.) Indigo blue. 4 ft.	1.00	8.00
Pacific Hybrids. (Vetterle and Reinelt.) World's best Delphinium. Blue Shades. 5 ft. All summer.	2.25	18.00
White.	2.25	18.00
Vaughan's Gold Medal Hybrids. 4 ft.	1.25	10.00
Wrexham Hollyhock Flowered. Hybrid Mixture. 5 ft.	1.50	12.00

	10	100
DIANTHUS		
Barbatus (Sweet William)		
Johnson's Giant Mixed. 1 ft. June-July.	\$1.15	\$9.00
Pink Beauty. 1 ft. June-July.	1.15	9.00
Vaughan's Special Mixed.	.85	7.00
Allwoodi Alpinus. X. Mixed. 1 ft. May-June.	1.25	10.00
Beatrice. X. Salmon pink. Double. 10 in. All summer.	1.50	12.00
Caesius. Rose. 4 inch. June-July.	1.00	8.00
Crimson King. Crimson. Very double. 2 ft. All summer.	1.50	12.00
Deltoides (Maiden Pink). X. Pale pink. 8 in. June.	1.00	8.00
Delight. X. Mixed reds. 8 in. June.	1.00	8.00
Cyclops. Dark rose. 9 in. June-July.	1.00	8.00
Spring Beauty. X. Double Grass Pink. 12 in. July.	1.25	10.00
Vaughan's Special Mixture. X. Plumaris types.	1.00	8.00
DICENTRA Spectabilis (Bleeding Heart).	2.50	20.00
DICTAMNUS Fraxinella. Deep pink. 3 ft. June-July.	1.25	10.00
Albus. White. 3 ft. June-July.	1.25	10.00
DIGITALIS Grandiflora. (Ambigua.) Yellow. 2½ ft. June.	1.00	8.00
DODECATHEON Meadia. X. Rose. 8 in. May-June.	1.00	8.00
DORONICUM Caucasicum. Yellow. 2 ft. May-June.	1.85	15.00
ECHINACEA Purpurea. (Coneflower). Purple. 4 ft.	1.00	8.00
ECHINOPS Ritro. Steel-blue. 4 ft. July-Aug.	1.20	9.00
ERIGERON Amos Perry. X. Large blue daisy. 1 ft. All summer.	1.50	12.00
Speciosus. Lavender blue. 1½ ft. July.	1.25	10.00
ERYNGIUM Amethystinum. Steel blue. 3 ft. July-Aug.	1.25	10.00
EUPATORIUM Coelestinum. Blue. 2 ft. Aug.-Oct.	1.00	8.00
EUPHORBIA Polychroma. Yellow. 1 ft. April.	1.25	10.00
FOXGLOVE. See DIGITALIS.		
FUNKIA Coerulea Lanceolata. Mauve. 1½ ft. July.	1.00	8.00
Japonica Aurea Marginata. Mauve. 1 ft. July.	1.85	15.00
Subcordata Grandiflora. X. 1½ ft. White. August.	1.85	15.00
Undulata Variegata.	1.25	10.00
GAILLARDIA Bremen. Coppery scarlet tipped yellow. 2 ft.	1.15	9.00
Burgundy. Wine-red. 2 ft. All summer.	1.25	10.00
New Hybrids. Mixed colors. 2 ft. All summer.	.85	7.00
Sun God. New. Large chamois yellow blooms, basal branching. 2 ft. July until frost. Valuable cut flower.	1.85	15.00
Torchlight. Yellow, maroon center. 2 ft. All summer.	1.15	9.00
GEUM, Lady Stratheden. X. Golden. 1½ ft. All summer.	1.25	10.00
Mrs. J. Bradshaw. X. Orange-red. 1½ ft. All summer.	1.25	10.00
Orange Queen. X. Double orange scarlet. 2 ft. All summer.	1.25	10.00
GRASS, Eulalia Japonica Variegata. 2 ft.	1.00	8.00
GYPHOPHILA Bristol Fairy. Double white. 3 ft. July-Sept.		
3 in pots.	1.50	12.50
Field grown.	2.20	17.50
Bodgeri. X. Double white. 1 ft. All summer.	1.50	12.00
Oldhamiana. White tinted pink.	1.25	10.00
Pacific. Single pink. 4 ft. July.	1.25	10.00
Rosenschleier (Rosy Veil). Double pink. 2 ft. All summer.	1.85	15.00
Paniculata. White. 3 ft. June-July.	.85	7.00
Repens. X. White. 4 in. All summer.	1.00	8.00
HELLEBORUS Niger. X. (Christmas Rose.) White. 10 in. Dec.-Feb.	6.00	45.00
HELENIUM Riverton Beauty. Gold. 4 ft. Sept.-Oct.	1.25	10.00
Moerheim Beauty. New. Early blooming bronze. 2½ ft. July-August.	2.50	20.00
Autumnale Rubrum. Reddish bronze. 3 ft. Aug.	1.00	8.00
HELIANTHUS Multiflorus Plenus. (Dahlia Flowered Sunflower.) Deep yellow. 4 ft. Aug.-Sept.	1.25	10.00
HELIOPSIS Double Lemoine. Orange. 2½ ft. All summer.		
Excellent cut flower.	1.25	10.00

HEMEROCALLIS (Yellow Day Lily)

HEMEROCALLIS Aureole. Deep orange-yellow with bronze reverse. 2 ft. May-June.	.75	5.00
Dr. Regel. Rich orange-yellow. 1½ ft. May-June.	1.00	8.00
Fulva Kwanso. Fl. Pl. Deep orange. 3 ft. July-Aug.	.75	5.00
Sovereign. Chrome yellow. Fragrant. 2 ft. May-June.	.75	5.00
Thunbergi. Golden yellow. 3 ft. July.	1.00	8.00
NEW HYBRID HEMEROCALLIS		
Bay State. Deep yellow. Late June.	Each, \$0.30	2.50 20.00
Dover. Large golden yellow. May-June.	Each, .35	3.00 25.00
Goldeni. Deep golden yellow. June-July.	Each, .30	2.50 20.00
Gypsy. Deep orange. July.	Each, .35	3.00 25.00
Hyperion. Vigorous citron-yellow. July-Aug.	Each, .50	3.00 25.00
J. A. Crawford. Large clear gold. June-July.	Each, .30	2.50 20.00
Lemona. Clear canary yellow. June-July.	Each, .35	3.00 25.00
Margaret Perry. Scarlet orange, suffused yellow.		
July.	Each, 1.00	8.00 70.00
Mrs. W. H. Wyman. Clear gold. Profuse bloomer.		
July-Aug.	Each, .35	3.00 25.00
Mikado. Orange, maroon blotches. June.	Each, .90	8.00 70.00
Ophir. Tall golden yellow. June-July.	Each, .45	3.75 30.00
Sir Michael Foster. Large clear gold. June-July.	Each, .35	3.00 25.00
The Gem. Medium golden flowers. June-July.	Each, .35	3.00 25.00
Vesta. Large deep orange. July.	Each, .85	7.50 60.00

Hardy Perennial Plants

	10	100
HEUCHERA Brizoides Gracillima. 2 ft. Pink. May-June....	\$1.50	\$12.00
New Hybrids. X. Pink and red. 1½ ft. May-July.....	1.50	12.00
Pluie De Feu (Rain of Fire). Deep coral red. 18 in.....	1.85	15.00
Sanguinea. Crimson. 2 ft. May-July.....	1.50	12.00
HIBISCUS (Mallow Marvels). Red, White or Pink. 5 ft.....	1.25	10.00
HOSTA, see FUNKIA.		
HYPERICUM Moserianum. X. Yellow. 1 ft. All summer....	1.25	10.00
IBERIS (Candytuft) Sempervirens. X. White. 8 in.....	1.25	10.00
LATHYRUS Latifolius. Red or Pink. 3 ft. July.....	1.25	10.00
LAVENDULA Vera. Lavender. 18 in. All summer.....	1.50	12.00
LIATRIS Pycnostachya. Purple. 4 ft. July-Aug.....	1.25	10.00
LINUM Perenne. X. Blue. 1½ ft. May-Aug.....	1.25	10.00
LOBELIA Cardinalis. Scarlet. 3 ft. July-Aug.....	1.00	8.00
LYCHNIS Chalcedonica. Scarlet. 2 ft. July.....	1.00	8.00
Viscaria Splendens. Brilliant red.....	1.00	8.00
LYTHRUM Rose Queen. Pink. 3 ft. July-Aug.....	1.00	8.00
MATRICARIA Capensis Fl. Pl. White. 2 ft. June.....	1.00	8.00
MERTENSIA Virginica. X. Light blue. 1½ ft. April-May....	.85	7.00
MINT. Useful herb. Spearmint flavor.....	1.00	8.00
MONARDA Didyma. Red. 3 ft. July-Aug.....	1.25	10.00
MYOSOTIS Palustris. X. (Forget-me-not). Blue. 5 in.....	1.00	8.00
NEPETA Mussini. X. Blue. 6 in. July-Sept.....	1.15	9.00
PACHYSANDRA Terminalis. X. White. 3 in. May.....	1.00	8.00
Rooted runners of Pachysandra.....	per 1000	\$65.00
PAPAVER Oriental (Beauty of Livermore). Dark red. 3 ft. May-June.....	1.85	15.00
Jeannie Mawson. Geranium pink. 3 ft. May-June.....	1.50	12.00
Joyce. Cherry red. 3 ft. May-June.....	1.50	12.00
Mrs. Perry. Pink. 3 ft. May-June.....	1.50	12.00
Olympia. Double orange scarlet. 3 ft. May-June.....	1.85	15.00
Royal Scarlet. 3 ft. May-June.....	1.15	9.00
PHYSALIS Franchetti. (Chinese Lantern.) Orange. 2 ft. Oct.....	1.00	8.00
PHYSOSTEGIA Vivid. X. Bright pink. 2 ft. Aug-Sept.....	1.25	10.00
PLATYCODON Grandiflora Blue. 2 ft. All summer.....	.85	7.00
Alba. White. 2 ft. All summer.....	.85	7.00
PLUMBAGO Larpentae. X. Peacock Blue. 9 in. All summer....	1.25	10.00
POLEMONIUM Coeruleum. X. Blue. 1 ft. June.....	1.00	8.00
POTERIUM Obtusum. 3 ft. Crimson catkins on graceful stems.....	2.50	20.00
PRIMULA Veris (Hardy Primrose). X. Mixed colors. 6 in. April-May.....	1.50	12.00
Veris Kleynii. X. Large deep yellow. 8 in. April-May.....	1.50	12.00
Veris Munstead Strain. X. Light yellow. 6 in. April-May.....	1.50	12.00
Acaulis Lilacina Fl. Pl. X. Double lavender. 6 in.....	2.25	18.00
Auricula. X. Mixed colors. 6 in. April-May.....	1.85	15.00
PYRETHRUM Roseum. James Kelway. Red. 2 ft. May-June.....	1.25	10.00
Roseum. Hybrid Mixture. 2 ft. May-June.....	.85	7.00
Uliginosum. White. 3 ft. Aug-Sept.....	1.00	8.00
RANUNCULUS Acris Fl. Pl. Yellow. 2 ft. April-May.....	1.25	10.00
RUDBECKIA Laciniata Fl. Pl. (Golden Glow.) July-Aug.....	1.00	8.00
Herbstwald. Autumn shades. 3 ft. July-Sept.....	1.25	10.00
SALVIA Azurea Grandiflora. Blue. 4 ft. Aug-Sept.....	1.00	8.00
Officialis. Sage for seasoning.....	1.25	10.00
Pitcheri. Deep blue. 4 ft. Aug-Sept.....	1.25	10.00
SCABIOSA Caucasicca Perfecta. Light blue. 18 in. June-Oct.....	1.25	10.00
House's Hybrids. Blue shades. 18 in. June-Oct.....	1.50	12.00

SEDUM

SEDUM Acre. X. (Golden Moss). Yellow. 2 in. May-July....	.75	6.00
Album. X. White. 2 in. May-July.....	.85	7.00
Kamtschaticum. X. Orange-yellow. 6 in. August.....	1.00	8.00
Sexangulare. X. Yellow. 3 in. June-July.....	1.00	8.00
Sieboldi. X. Pink, silvery foliage. 4 in. Aug-Sept.....	1.25	10.00
Spathulatum Purpureum. Red foliage. 1½ ft. Aug-Sept....	1.25	10.00
Spectabile. Pink. 1½ ft. Aug-Sept.....	1.00	8.00
Spectabile Brilliant. Red. 1½ ft. Aug-Sept.....	1.25	10.00
Spurium. X. Pink flowers, red foliage. 6 in. July-Aug.....	.75	6.00

SEMPERVIVUM. (Hen and Chickens.)		
Globiferum. X. Yellow. 1 ft. June.....	1.00	8.00
Tectorum. X. Red. 6 in.....	1.00	8.00
SHASTA DAISY. See Chrysanthemum maximum.....		
SIDALCEA Rose Queen. Pink. 2 ft. June-July.....	1.25	10.00
SILENE Schafta. X. Bright pink. 6 in. July.....	1.00	8.00
SPIRAEA Filipendula Hexapetala. Cream. 2 ft. June.....	1.00	8.00
Ulmaria fl. pl. White. 2 ft. July.....	1.85	15.00
STATICE Latifolia. (Sea Lavender) Blue. 2 ft. Aug-Sept....	.85	7.00
3 year clumps.....	1.15	9.00
STOKESIA Cyanea. Sky-blue. 1 ft. Aug-Sept.....	1.00	8.00
STRAWBERRY Baron Solemacher. Small fruited runnerless alpine type. Everbearing. 2½ in. pot plants.....	1.00	8.00
Field grown.....	3.00	25.00

	10	100
TARRAGON, TRUE (Artemesia Dracunculus).....	\$2.40	\$20.00
THALICTRUM Adiantifolium. X. Yellow, fern-like foliage. 1 ft. June-July.....	1.25	10.00
Dipterocarpum. X. Rosy purple. 4 ft. Aug-Sept.....	1.50	12.00
Glaucom. Bronze-yellow. 2 ft. June.....	1.00	8.00
THERMOPSIS Caroliniana. Yellow. 2 ft. June-July.....	1.25	10.00
THYMUS Citriodorus. X. (Lemon scented) Pink. 2 in. July-Aug.....	1.00	8.00
Serpyllum Coccineus. X. Red. 2 in. June-July.....	1.00	8.00
Serpyllum Splendens. Fine rock garden plant.....	1.25	10.00
Lanuginosus. X. (Woolly Thyme.) Rose. 2 in. June-July....	1.25	10.00
TRADESCANTIA Heavenly Blue. Light blue. 2 ft. May-Aug....	1.50	12.00
Leonora. Dark blue. 2 ft. May-Aug.....	1.50	12.00
Virginica. The original type.....	1.00	8.00
TRILLIUM Grandiflorum. X. White. 12 in. May-June.....	.85	7.00
TRITOMA Pfitzeri. Red and yellow. 3 ft. Aug-Oct.....	1.25	10.00
TROLLIUS Golden Queen. Large orange. 3 ft. Spring and Fall. Ledebouri. Deep orange, late.....	1.85	15.00
New Hybrids. Orange and yellow shades. 2 ft. May-July....	1.50	12.00
TUNICA Saxifraga Fl. Pl. Double light pink.....	1.25	10.00
VALERIANA Officinalis. Light pink. 5 ft. June-July.....	1.00	8.00
Var. Rubra. Red. 2 ft. July-Aug.....	1.00	8.00
VERBASCUM Hybrids. Yellow, cream, etc. 3 ft. July-Aug....	1.50	12.00

VERONICA (Speedwell)

VERONICA Incana. Blue, silvery foliage. 18 in. June.....	1.25	10.00
Longifolia Subsessilis. Deep blue. 2 ft. July-Aug.....	1.50	12.00
Repens. X. Pale blue. 2 in. June.....	1.25	10.00
Rupestris. X. Blue. 5 in. June.....	1.25	10.00
Spicata. Blue. 2 ft. Aug.....	1.00	8.00
Spicata Rosea. Pink. 2 ft. July-August.....	1.00	8.00
VINCA Minor. (Grave Myrtle.) X. Blue. 6 in. Pot plants....	.85	7.00
Field grown.....	Per 1000, \$35.00	.75
Bowles Variety. X. Improved type, free flowering. Blue. 6 in. Spring and Fall.....	1.25	10.00
VIOLA Jersey Gem. Dark violet. 6 in. All summer.....	1.25	10.00
Improved Wedgewood. New. Violet blue. 6 in. All summer....	2.40	18.00
VIOLET Florence. X. Fragrant single white, faint purple veining. 6 in. Spring.....	1.50	12.00
Frey's Fragrant. X. Single purple. 6 in. May.....	1.25	10.00
Prince of Wales. X. Single, purple-violet. 6 in. May.....	1.25	10.00
Rosina. X. Pink, sweet scented. 4 in. April-May.....	1.50	12.00
YUCCA Filamentosa. 2 yr. White. 6 ft. July.....	1.00	8.00
3 year clumps.....	1.25	10.00
Glauca Angustifolia. 2 yr. White. Narrow foliage. July....	1.25	10.00
3 year clumps.....	1.50	12.00

HARDY PHLOX (Phlox Decussata)

Africa. Carmine red with darker eye.....	\$1.25	\$10.00
Augusta Patented. Brilliant cherry red.....	2.50	18.00
B. Comte. Amaranth purple.....	1.25	10.00
Border Queen. Dwarf, watermelon pink.....	1.50	12.00
Bridesmaid. White, bright red eye.....	1.00	8.00
Champs Elysees. Dark reddish purple.....	1.50	12.00
Columbia. (Patented.) Cameo pink, faint blue eye.....	1.90	12.00
Daily Sketch. New. Immense salmon-pink, crimson eye.....	1.85	15.00
E. Farrington. New. Soft salmon-pink, with lighter eye....	1.25	10.00
Emain Macha. Cardinal red.....	1.85	15.00
Enchantress. Bright salmon-pink.....	1.50	12.00
Flora Reidy. White. Medium height.....	1.25	10.00
Goliath. Light reddish purple. Tall. Early.....	1.25	10.00
Graf Zeppelin. New. Snow white, deep red eye.....	1.50	12.00
Leo Schlageter. New. Flame or orange scarlet.....	1.85	15.00
Lillian. Cameo pink, lighter center.....	1.25	10.00
Miss Lingard (Suffrutescens). Earliest to bloom. White.....	1.50	12.00
Mrs. Milly Von Hoboken. Bright pink, faint mauve suffusion	1.25	10.00
Painted Lady. Soft silvery pink, dark red eye.....	1.25	10.00
Royal Purple. Early light purple.....	1.00	8.00
Salmon Queen. A true large salmon-pink.....	1.50	12.00
Thor. Tall, deep salmon-pink, suffused and overlaid with a scarlet glow. One of the best.....	1.15	9.00
Von Hochberg. Deep blood-red.....	1.85	15.00
Mixed. Varieties with labels lost. Some very good stock..	1.00	8.00

Dwarf or Alpine Phlox

Amoena. Rosy lilac blooms. May-June.....	1.00	8.00
Divaricata Canadensis. X. Lavender blue. 10 in. April-May....	1.15	9.00
Subulata Alba. White. 4 in. April-May.....	1.00	8.00
Atropopurea. Reddish purple. Compact. 4 in. Apr-May....	1.25	10.00
Brittoni. X. Dwarf white. 4 in. April-May.....	1.25	10.00
Lilacina. Lilac. 4 in. April-May.....	1.00	8.00
Mrs. G. F. Wilson. Lavender, 4 in. April-May.....	1.25	10.00
Rosea. Rose-pink. 4 in. April-May.....	.85	7.00
Pink Cushion. X. Compact, free flowering form. 3 in.....	1.25	10.00
Vivid. X. Dark salmon pink. 3 in. Spring.....	1.50	12.00

Greenhouse Plant Department



ASPARAGUS PLUMOSUS NANUS

age Stock, we cannot entertain claims for allowances in case of damage in transit, the stock being sold on a basis of actual value.

Packing will be charged on all orders at cost.

ALOE VARIEGATA

The Tiger Aloe, handsomely variegated, thick leaves in agave shape. Novelty house plant of real merit.

3-inch pots.....	Dozen	Per 100
2-inch pots.....	\$3.50	\$25.00
	2.50	15.00

ASPARAGUS PLUMOSUS NANUS

We have specialized for years on Asparagus Plumosus and Sprengeri. Our seedlings from flats and our 2 1/4-inch pot stock are well developed—strong stock ready for growing on.

Seedlings.....	Dozen	Per 100
2 1/4-inch.....	Per 1,000, \$10.00	\$ 1.50
3 -inch.....	Per 1,000, \$5.00	\$0.85 6.00
4 -inch.....		1.50 10.00
		2.50 20.00

ASPARAGUS SPRENGERI

Seedlings.....	Dozen	Per 100
2 1/4-inch.....	Per 1,000, \$ 8.00	\$0.75 5.50
3 -inch.....	Per 1,000, \$0.00	1.50 10.00
4 -inch.....		2.50 20.00

BEGONIA

Carmen. Bronze foliage, pink flowers, 2 1/4-inch.....	100	1,000
Chatelaine Supreme. 2 1/4-inch.....	\$ 6.00	\$55.00
Christmas Cheer Red. 2 1/4-inch.....	7.00	65.00
Christmas Pink. 2 1/4-inch.....	6.00	55.00
Luminosa. 2 1/4-inch.....	6.00	55.00
Pink or Red Pearl. 2 1/4-inch.....	6.00	55.00
Melior. 2 1/4-inch.....	22.50	200.00

CALADIUMS—Vaughan's

Special Fancy-Leaved

Choice dormant bulbs for January and February delivery. Large variety named sorts. This is one of the most decorative plants for greenhouse growing, window boxes or show plants. Rich, ornamental leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red.

Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.

We find an increasing demand for caladiums; pot plants sell readily from early spring until late summer.



FANCY-LEAVED CALADIUM

Rainbow Mixed.....	Doz.	100	1,000
Named Varieties. Our selection.....	\$2.00	\$12.00	\$100.00
Named. Your selection of varieties.....	2.00	13.00	110.00
Unusual and rare varieties. All named.....	2.25	14.00	120.00
	2.75	16.00	140.00

CALCEOLARIAS

Our choice Hybrid Mixture contains all colors of the new large flowered hybrids.

Vaughan's Choice Hybrid Mixture. 2 1/4-inch.....	100	1,000
Rosacker's New Varieties, also Pink Beauty, Stewartii, Brillancy, 2 1/4-inch.....	\$ 8.00	\$ 75.00
	16.00	150.00

Prices are F. O. B. Western Springs, Ill., where we ship by American Railway Express and C. B. & Q. R. R.

We assume no transportation risks after shipping in good order. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

Billing—6 plants of any one variety at the dozen rate; 25 at the 100 rate; 250 at the 1,000 rate.

On plants in bloom for Christmas and Easter or Cold Storage.

CARNATIONS

{ Write for our special list of Rooted Cuttings. Standard and New varieties.

CHRYSANTHEMUMS, 6 inch and 7 inch pots. A good selection in Fall from 50c to \$2.00 each.

CINERARIAS

Vaughan's Columbian Mixture. 2 1/4-inch.....	100	1,000
Cremer's Prize Mixture. 2 1/4-inch.....	\$6.00	\$55.00
	6.00	55.00

CYCLAMEN

Bright Red, New Salmon Rose, Glory of Wandsbeck, the famous Binnewies strain. Clean, healthy stock.

4-inch.....	Doz.	100
5-inch.....	\$ 6.00	\$ 40.00
6-inch.....	10.00	75.00
	14.00	100.00
2 1/4-inch Cyclamen ready after Apr. 1st at \$12.00 per 100; \$100.00 per 1,000		

DISH GARDEN PLANTS

We have a good assortment of varieties in small pots at \$6.00 to \$10.00 per 100.

GERANIUMS

Fiat. Dark salmon-pink. The color sells it. A good all-around variety and much in demand. 2 1/4-inch.....	100	1,000
Mme. Buchner. The best double white. 2 1/4-inch.....	\$9.00	\$75.00
Madame Landry. Salmon-pink with darker shading. 2 1/4-inch.....	6.50	60.00
Mme. Sallerol. Variegated leaves, 2 1/4-inch.....	6.50	60.00
Radio Red. The best all-around red Geranium. 2 1/4-inch.....	5.50	50.00
Rose. Scented leaves, 2 1/4-inch.....	6.50	60.00
Wyona. A glorified Ricard type containing more salmon hue. Very large blooms and free-flowering. 2 1/4-inch.....	5.50	50.00
	9.00	75.00

FICUS ELASTICA

Strong Rooted Cuttings.....	100	1,000
	\$12.50	\$110.00

HYDRANGEAS FOR FORCING

Strong stock ready in November and December. All pot-grown plants. Of all the plants for Easter and Spring flowering this one is probably the most popular and important. The following varieties and many others.

4-inch 5-inch 6-inch 7-inch	each	each	each	each
E. Mouliere, White.....	\$0.25	\$0.35	\$0.50	\$0.75
Gertrude Glahn, Dark Rose.....	.25	.35	.50	.75
Lorelei, Carmine Red.....	.25	.35	.50	.75
M. Foch, Early Deep Carmine.....	.25	.35	.50	.75
Neidersachsen, for bluing.....	.25	.35	.50	.75
Otakisa, The Old Reliable.....	.25	.35	.50	.75
Parsifal, Red Fringed Petals.....	.25	.35	.50	.75
Splendens, glossy clear red.....	.25	.35	.50	.75
Trophee, Early Red.....	.25	.35	.50	.75

Add 5 cents each for less than five of any one variety.

ENGLISH IVY

Heavy, 2 1/4-inch.....	100	1,000
4-inch.....	\$ 6.00	\$55.00
PITTSBURG SELF-BRANCHING IVY. 2 1/4-inch.....	25.00	60.00
4-inch.....	6.50	60.00
	Each, 35c	30.00

PELARGONIUMS

Easter Greeting, Edith North, Gardener's Joy, Lucy Becker, Mrs. Loyal, Swabian Maid, Princess, Pride of Quedlinburg, Wurtembergia.

Prices on other varieties quoted upon request.

Rooted Cuttings.....	Dozen	100
2-inch.....	\$0.90	\$ 6.00
3-inch.....	1.20	8.00
	1.60	11.00
		100.00

LANTANAS

Radiation, Aurora and other varieties, 2 1/4-inch.....	100	1,000
	\$6.00	\$55.00

PHILODENDRON CORDATUM. 2 1/4-inch.....	10.00	.....
POTHOS Aurea Wilcoxii. New variegated Pothos much in demand. 2 1/4-inch plants.....	10.00	90.00
PRIMULA. Obconica. 2 1/4-inch.....	6.00	55.00
PRIMULA. Malacoides. 2 1/4-inch.....	6.00	55.00

SANSEVIERIA LAURENTI. 3-inch.....	Each	100
4-inch.....	\$0.30	\$25.00
5-inch.....	.60	50.00
SANSEVIERIA ZEYLANICA. 4-inch.....	.85	75.00
5-inch.....	.45	35.00
	.75	60.00

SNAPDRAGONS. Clean sturdy stock, Ceylon Court—yellow, Cheviot Maid—early pink, Cincinnati—pink, Afterglow—bronze, Lucky Strike—white, Pennsylvania—orange, Jennie Schneider—pink. 2 1/4-inch.....	100	1,000
	\$5.00	\$45.00

VAUGHAN'S BOSTON FERNS

2 1/4-inch.....	Each	100
4-inch.....	per 1,000, \$75.00	\$ 8.00
5 -inch.....		\$0.35 30.00
6 -inch.....		.50 45.00
7 -inch.....		.75 65.00
8 -inch.....		.95 85.00
		\$1.25 to 1.50

TABLE FERNS. Assorted varieties. 2 1/4-inch.....	100	2.25
Assorted varieties, Seedlings, 100 2.25; 1,000 20.00		

COLORADO FERNS

4-inch.....	Each	100
5-inch.....	\$0.40	\$35.00
6-inch.....	.55	50.00
	.80	75.00

Hardy German Iris

"S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added to cost.

	Each	10	100
Alcazar. "S" light bluish violet; "F" rich velvety crimson-purple. A very rich and striking flower.....	\$0.50	\$ 3.00	
Alta California. 48 in. Superb flowers of deep golden yellow, faintly bronzed. An extra fine new yellow....	\$0.20	1.75	
Ambassador. Late. "S" fascinating smoky purple; "F" velvety purple maroon. Very popular.....		.50	3.00
Asia. 45 in. "S" pale silvery lavender deepening at the base to golden yellow. "F" pale reddish purple, lighter at the edges.....	.15	1.00	8.00
Black Wings. 38 in. Large flowers of intense midnight blue overlaid with a frosty black luster.....	.20	1.50	
Blue Triumph. 42 in. Very large flowers of heavy substance, considered the best light blue Iris yet introduced.....	.75		
Blue Velvet. 46 in. A clear, beautiful, very dark blue self, the color of the richest deep blue velvet.....	.15	1.20	
Buechley Giant. 40 in. Clear lavender-blue bicolor of perfect form and sensational size.....	.25	2.00	
California Gold. 36 in. A super novelty with magnificent, large flowers of dazzling, deep golden yellow....	1.50		
Cinnabar. 42 in. A fine large flower of rich, velvety-red tone. Withstands rain, wind and sun in fine shape....		1.50	
Clara Noyes. 38 in. Of sensational coloring, a brilliant blending of red, orange and yellow.....	.15	1.20	10.00
Coralie. 38 in. A vividly colored blend of pink and red. Unusually lovely flowers of fine form.....	.75	6.00	
Copper Lustre. 36 in. Huge flowers of a blend of glowing copper and gold with iridescent sheen.....	2.25		
Corrida. 30 in. Small flowers of exquisite pure blue. Ideal for cutting and for table decoration.....		.50	3.00
Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure, snow-white on well-branched stalks.....	.40	3.50	
Dauntless. 40 in. One of the brightest red Irises. A brilliant rose-red self with flaring falls that appear darker because of their velvety quality.....	.20	1.50	12.00
Depute Nombrot. 50 in. "S" coppery-red, flushed bronze; "F" rich claret crimson. A magnificent Iris....	.20	1.50	
Desert Gold. 30 in. Very large flowers of soft, luminous yellow. Early flowering; fragrant.....	.20	1.50	
Dolly Madison. 38 in. "S" mauvette, yellow at base; "F" lilac tinged old gold. Very fine large flowers.....		1.00	8.00
Dream. 36 in. "S" and "F" soft clear pink. A beautiful Iris of Pallida type.....		.50	3.00
El Capitan. 40 in. Huge light violet-blue flowers.....		1.50	
Eros. 38 in. An exquisitely colored Iris of salmon-pink with soft yellow haft and beard.....	.50	4.00	
Ethelwyn Dubuar. Very fine large flowers of deep pink with delightful ruffling. Decidedly bigger and better than any other in its color class.....	.25	2.00	15.00
Frieda Mohr. 42 in. A gigantic lilac-pink Iris of perfect form and brilliant coloring. Fragrant.....	.15	1.00	8.00
Gold Imperial. 33 in. Chrome yellow throughout except for conspicuous orange beard.....	.75	5.00	
Grace Sturtevant. 36 in. Rich colored and showy. "S" dark red-brown, with darker velvety falls.....	.15	1.20	
Gudrun. 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat.....	.50	4.00	
Happy Days. 40 in. An immense clear yellow that usually carries 7 to 8 massive blooms to the stalk....	.75	6.00	
Helios. 44 in. Enormous, luminous, lemon yellow.....	.20	1.50	
Imperial Blush. 40 in. A beautiful large blush pink....	.30	2.50	
Indian Chief. 40 in. "S" beautiful reddish pink; "F" deep rich glowing velvety red. Very striking.....	.15	1.00	8.00
Jean Cayeux. 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece.....	.50	4.00	
Joycette. 42 in. Huge flowers, 6 to 6½ inches, that are a rich blazing red in the sun.....	.50	4.50	
King Juba. 38 in. "S" pure clear yellow; "F" wide, deep velvety red. A striking variegata.....	.15	1.20	
King Tut. 34 in. A brilliant red-brown bicolor.....	.15	1.00	8.00
Labor. 36 in. "S" dark violet heliotrope; "F" a deeper shade. An absolutely new color.....		.60	4.00
Lent A. Williamson. Early. "S" very broad, soft campanula violet; "F" very large velvety royal purple....		.60	4.00
Lord of June. "S" floppy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris.....		.60	4.00
Los Angeles. 40 in. Giant, snowy-white flowers of satin texture; standards edged lavender-blue.....	.20	1.50	12.00
Mareschal Ney. 36 in. A very rich bicolored red with a chestnut brown tone. Large flowers.....	.15	1.20	
Mary Geddes. 38 in. "S" salmon flushed yellow; "F" same shade overlaid Pompeian red. Very fine.....	.35		
Morning Splendor. 40 in. Delightfully fragrant; gives a beautiful red effect in the garden.....	.10	.80	6.00
Mrs. Valerie West. 42 in. "S" bronze flushed with lavender; "F" massive and flaring, deep velvety crimson brown. Exceedingly large, handsome flowers.....	.15	1.20	
Mary Dynes. 36 in. Large, dark red bi-color that has a flush of gold in the standards; very late.....	.35	3.00	
No-We-Ta. 35 in. A beautiful true pink self in effect with yellow flushes at the center. Flowers frilled....	.20	1.50	
Pink Satin. 42 in. Large, finely shaped flowers of a very delicate, yet glistening pink.....	.20	1.50	
Pluie d'Or (Golden Rain). 40 in. Probably the best pure golden yellow self yet introduced.....	.15	1.20	

President Pilkington. 46 in. Very large flowers of pale buff and lavender blend. Extra choice.....	Each \$0.20	10 \$1.50	100 \$10.00
Princess Beatrice. Silvery lavender.....		.75	5.00
Ramesses. 36 in. A large blend of russet rose, pink and buff. Attracts immediate attention.....	.15	1.00	8.00
Red Dominion. 40 in. An outstanding variety of glowing ox-blood red.....	.25	2.00	
Sensation. 48 in. Enormous corn-flower blue flowers of perfect form and heavy substance.....	.15	1.20	
Sierra Blue. 48 in. Enormous flowers of soft, clear enamel-like blue. A 1935 medal winner.....	.60	5.00	
Sir Michael. 48 in. Considered by many the finest blue bi-color. "S" opalescent lavender-blue; "F" velvety-purple.....	.20	1.50	10.00
Souy. de Mme. Gaudichau. "S" Bradley's violet; "F" brilliant black-purple.....		.80	6.00
Taj Mahal. 36 in. A very fine pure white.....		.75	5.00
Valor. 52 in. Velvety blackish violet-blue bi-color of huge size and perfect shape on very tall stems.....	.15	1.20	10.00
Venus de Milo. 49 in. Pure white with a rich creamy tone. Large flowers of perfect form.....	.20	1.50	12.00
Vesper Gold. 42 in. A new distinct yellow suffused with violaceous reflections. A beautiful Iris.....		.60	4.00
Wm. Mohr. 26 in. Large flower of pale lilac, beautifully veined manganese-violet.....	.15	1.20	

Named Varieties to Color, blue, lavender, purple, orchid, pink, yellow, bronze or red. 5 of one color supplied at 10 rate; 25 of one color at 100 rate. 10, 50c; 100, \$3.00

FALL BLOOMING IRIS

These varieties bloom in the Spring with the Early-flowering varieties and have a habit of blooming again in the Autumn.

	Each	10	100
Autumn King. 30 in. A large blue-purple bicolor.....		\$0.80	\$ 7.00
Autumn Queen. A white companion to the Autumn King.....	\$0.15	1.20	10.00
Eleanor Roosevelt. 28 in. Deep velvety purple self....	.15	1.20	10.00
Golden Harvest. 18 in. "S" olive yellow, veined bluish at the haft; "F" citron yellow.....	.25	2.00	
Jean Siret. 15 in. A dwarf yellow that blooms for a long time in both spring and fall and often in midsummer too.....	.15	1.20	10.00
Lieutenant de Chavegnac. 15 in. Deep red-violet with same habits as Jean Siret.....	.20	1.50	
Southland. 28 in. Clear chrome yellow of good size....	.35		
Ultra. 14 in. A beautiful ultramarine blue bicolor. Fall bloomer.....		.80	6.00

VARIOUS IRIS

Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden.....		1.25	10.00
Dorothea K. Williamson. A beautiful beardless Iris with large velvety flowers of vivid purple.....	.20	1.75	15.00
Lord Wolsely. 40 in. Large blue-purple flowers.....	.20		
Monnier. 48 in. Golden yellow flowers of excellent form.....	.20		
Pseudacorus. (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings.....		1.25	10.00
PUMILA Hybrida. 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.....			
Dixmude. "S" aniline blue; "F" rich purple.....	.60	4.00	
Orange Queen. Clear deep yellow.....	.75	5.00	
Spring Skies. Lovely light blue, very beautiful shade. White.....	.80	6.00	
SIBIRICA. Butterfly. Lovely porcelain blue.....	.60	4.00	
Emperor. Large flowers of deep violet-blue.....	.60	4.00	
Geo. Wallace. (Azure Blue.) "F" marked white.....	.60	4.00	
Orientalis. Rich, deep purple.....	.50	3.00	
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue....	.60	4.00	
Snow Queen. Large ivory-white.....	1.00	6.00	
Mixed......	.50	3.00	
VERSICOLOR. (Common American Water Flag.) Showy violet-blue. Blooms for a long time.....	1.00	8.00	

JAPANESE IRIS (Kaempferi)

Gold Bound. White with gold banded center. Double. Early.....	.20	1.75	15.00
Iso-No-Nami. Suffused rose and blue over white. A large double; late.....	.25	2.00	18.00
Mahogany. Velvety mahogany red. Double.....	.25	2.00	18.00
Momigi-No-Taki. Variegated rosy carmine. Double....	.25	2.00	18.00
Norma. Exquisite silky lavender-pink with clear blue halo surrounding a yellow blotch at center. Fine large double. The best pink Iris.....	.45	4.00	35.00
Purple and Gold. Rich violet-purple. Gold center. Double. Midseason.....	.20	1.75	15.00
Seacrest. Six large wavy white petals with a deep blue haft.....	.20	1.75	15.00
Uchiu. Cerulean blue, veined white. Gold center. Double.....	.20	1.75	15.00
Mixed Seedlings......		.75	6.00

WRITE FOR SPECIAL QUOTATIONS ON LARGE QUANTITIES.

Vaughan's Peonies

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

WE HAVE an exceptionally large stock of our own growing. Strictly true to name, all in strong divisions, with from 3 to 5 eyes each.

The figures preceding the varieties are the rating given to them by the American Peony Society.

Peonies in established plantings need to be fed each Spring. A top-dressing of Vaughan's Plant Ration (5-8-7) well worked in will do wonders, but it should be applied early.

WHITE AND LIGHT SORTS

	Each	10	100
8.8 Alsace Lorraine. Creamy white, center tinted Havana brown. Very beautiful form; late midseason.	\$0.30	\$2.00	\$15.00
8.7 Avalanche. A magnificent flower which opens like a rose. Pure snow-white, with a few pencilings of carmine on the edge of the center petals. Delightfully fragrant; late midseason. A very good cut-flower and cold storage variety. . . . .	.25	1.75	15.00
9.0 Baroness Schroeder. Immense flowers of great substance with high chalice-shaped center. Opens a delicate flesh-white, sometimes a soft baby pink, changing to creamy-white. One of our best cut-flower varieties and an excellent keeper in storage. . . . .	.30	2.50	18.00
8.1 Duchess de Nemours. Superb, cup-shaped, sulphur-white flowers with a greenish reflex that lights up the entire flower. Early, free bloomer; fragrant. Good commercial variety. . . . .	.20	1.50	12.00
9.3 Festiva Maxima. Very popular large white. Early. . . . .	.20	1.75	15.00
9.1 Frances Willard. Exquisite blush-white, of good substance and a fine cut-flower variety. . . . .	.50	4.00	35.00
8.9 Jubilee. Very large ivory-white; early. . . . .	.30	2.50	20.00
9.8 Kelway's Glorious. Cream white; midseason.	1.00	9.00	.....
8.6 La Lorraine. Enormous blooms of creamy-white, overlaid with soft pink. Good showy variety. . . . .	.90	7.50	.....
8.3 La Rosiere. White with cream-white center; semi-double; midseason. . . . .	.30	2.50	15.00
9.9 LeCygne. The highest rated white.	1.50	12.50	.....
7.9 Mad, de Verneville. One of the most fragrant of all Peonies. Flowers are very full and double, pure white, with center delicately tinted blush. An extra free and reliable bloomer. Early. . . . .	.20	1.50	12.00
9.4 Mme. Jules Dessert. White with delicate tints of flesh and straw. Strong growing, free flowering and a great prize winner; midseason. . . . .	.40	3.50	30.00
7.8 Miss Salway. Lilac white. Early midseason. . . . .	.25	2.00	15.00
8.8 Nymphaea. Semi-double flowers of delicate creamy white. Yellow stamens. . . . .	.40	3.00	25.00
8.6 Primevere. Sulphur-yellow. Bomb type; very fragrant; midseason. . . . .	.50	4.50	.....
9.7 Solange. Deep cream, tinged with amber. Late. . . . .	.50	4.00	.....
9.4 Tourangelle. Pearl-white overlaid with delicate shades of salmon. Late. . . . .	.50	4.00	35.00

LIGHT AND DARK PINK AND ROSE

	Each	10	100
8.6 Albert Crousse. Large, compact bomb-shaped flower of flesh pink. Good cut-flower variety; late. . . . .	.20	1.50	12.00
7.1 Alexander Dumas. Bright pink, intermixed with creamy white petals. A fine cut-flower variety. . . . .	.15	1.20	10.00
8.1 Asa Gray. Large, salmon-flesh sprinkled with minute dots of carmine-lilac. Very distinct. . . . .	.20	1.50	12.00
8.7 Claire Dubois. Clear, satiny pink, with glossy reflex. Late midseason. . . . .	.30	2.00	15.00
7.6 Edulis Superba. Usually blooms for Decoration Day. The flowers are a beautiful deep, vivid pink, with a silvery reflex, and are borne profusely on tall, strong stems. One of the best of all Peonies for cut flowers in its color and season; very fragrant. . . . .	.20	1.50	12.00
8.8 E. G. Hill. Carmine rose; early midseason. . . . .	.30	2.00	15.00
7.9 Georgiana Shaylor. Pale rose-pink; midseason. . . . .	.40	3.00	25.00
9.1 Hansina Brand. Giant flowers of deep flesh-pink with a salmon reflex. Wonderful show flower.	2.50	.....	.....
9.1 Lady A. Duff. Enormous pale pink; midseason. . . . .	.30	2.00	18.00
9.0 La France. Soft appleblossom-pink; late midseason. . . . .	.50	4.00	30.00
7.5 La Tulipe. Delicate pink, outer petals striped with red tulip markings; midseason; fragrant. . . . .	.20	1.20	10.00
8.8 Loveliness. Large flat rose-type flowers of hydrangea-pink. Late; fragrant. . . . .	.40	3.00	25.00
7.9 Mad. Ducl. The color and form of this variety is almost identical with that of the popular Mons. Jules Elie, but the size of the bloom is smaller and there are more of them. A fine midseason variety for cutting. . . . .	.20	1.50	12.00
8.5 Mad. Emile Galle. Shell-pink. Rose-type; fragrant; late. . . . .	.25	2.00	15.00
7.9 Mad. Joanne Sallier. Rose-pink; early. . . . .	.40	3.00	.....
9.1 Martha Bullock. Immense cupped shape flowers of bright old-rose pink that are often 9 to 12 inches in diameter, on tall, stout stems. Very beautiful; fragrant; late. Good cut-flower variety. . . . .	.50	4.00	35.00
8.7 Mary P. King. Light coral-pink. . . . .	.50	4.00	30.00
9.0 Milton Hill. Delicate lilac-pink. Rose type; late. . . . .	.50	4.00	.....
9.0 Minamota. Vivid rose-pink with a mass of yellow stamens. Almost semi-double. Very unusual. . . . .	.40	3.00	.....
9.2 Mons. Jules Elie. By many considered the most beautiful of all Peonies. Enormous full flowers, resembling a Chrysanthemum; color a glistening satiny pink, overlaid with a sheen of silver. Very fragrant; early. Good cold storage variety. . . . .	.30	2.50	20.00
9.1 Myrtle Gentry. Immense flowers of wonderful substance; pink-tinted flesh and salmon; fragrant.	1.75	.....	.....
8.5 Octavie Demay. Delicate hydrangea-pink. Dwarf. Early. . . . .	.20	1.50	12.00
8.2 Pierre Duchartre. Rose type; late. Large compact flowers of a delicate flesh-pink; fragrant. . . . .	.40	3.00	25.00
8.7 President Taft. See Reine Hortense.			

LIGHT AND DARK PINK AND ROSE—Continued

	Each	10	100
8.7 Reine Hortense (President Taft). One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason. This variety and Sarah Bernhardt are two pink Peonies of highest quality for all purposes.	\$0.35	\$2.50	\$20.00
8.8 Rosette. Delicate shell-pink shading to a salmon at base of petals. . . . .	.50	4.00	.....
9.0 Sarah Bernhardt. One of the best pink Peonies in the world. Tall, vigorous grower and prolific bloomer. The color is a dark rose-pink, edged lighter pink; center flecked crimson. Fine cut-flower and storage variety; late midseason. . . . .	.35	2.50	20.00
7.8 Souvenir de Francois Ruitton. Bright cherry pink. . . . .	.40	3.00	20.00
9.1 Souvenir de Louis Bigot. Large blooms of brilliant rose, turning salmon-pink. Midseason. . . . .	.40	3.50	.....
9.8 Therese. Immense, flat blooms of violet rose changing to lilac-white; early midseason. . . . .	.50	4.00	35.00
8.3 Venus. Delicate shell pink. Crown type; midseason. . . . .	.30	2.50	20.00
9.3 Walter Faxon. Bright delicate rose. . . . .	.50	4.00	35.00

RED AND CRIMSON

	Each	10	100
8.7 Auguste Dessert. Velvety crimson-carmine with silvery reflex. . . . .	.50	4.00	35.00
8.6 Cherry Hill. Deep garnet with conspicuous sheen; early. . . . .	.40	3.50	30.00
8.4 Felix Crousse. Large globular blooms of rich, even, brilliant, dazzling ruby-red; late midseason. Good cut-flower and storage variety. . . . .	.20	1.80	15.00
8.2 Grover Cleveland. Rich dark crimson; late. . . . .	.25	2.00	15.00
8.6 Inspecteur Lavergne. Vivid crimson. . . . .	.75	6.00	50.00
8.8 Karl Rosefeld. Very large flower, globular, semi-rose type. Extremely vigorous grower; tall, early. . . . .	.25	2.00	15.00
7.8 Lord Kitchener. Brilliant cherry-red; early midseason. . . . .	.30	2.50	20.00
9.0 Longfellow. Bright crimson. Semi-rose type; tall; late midseason. . . . .	.40	3.00	25.00
7.5 Mareschal Valliant (Grandiflora Rubra). Light red, resembling the American Beauty Rose. Late. . . . .	.20	1.50	12.00
8.7 Mary Brand. Vivid crimson of immense size; full double; a free bloomer and a strong grower; delightful fragrance; midseason. . . . .	.40	3.00	25.00
8.2 Mme. Gaudichau. Brilliant dark red. Late. . . . .	.50	4.00	30.00
8.8 Mons. Martin Cahuzac. Dark purple-garnet with black reflex. . . . .	.60	5.00	.....
8.6 Officialis Rubra Plena. Old-fashioned red. . . . .	.40	3.50	25.00
9.2 Philippe Rivoire. Perfectly formed flowers of very dark crimson; velvety sheen; fragrant; late.	1.00	9.00	.....
8.8 Richard Carvel. Large globular flowers of uniform bright crimson. Tall, annual and profuse bloomer. Delicate fragrance. Excellent for cut-flowers; usually blooms for Decoration Day. . . . .	.35	2.50	20.00
8.8 Tenuifolia Flora Plena. (Double Fern-leaf Peony.) Brilliant dark crimson. Very early.	1.25	10.00	.....

JAPANESE-FLOWERED PEONIES

	Each	10	100
9.2 Ama-No-Sode. Bright rose, shading lighter toward the edge of the petals; considered the best pink.	1.00	8.00	75.00
9.2 Fuyajo. Rich dark maroon guards. . . . .	.60	5.00	.....
9.2 Gold Mine. Petals deep rose; deep gold center. . . . .	.40	3.00	25.00
9.3 Isani Gidui. Large pure white with buff-yellow center. Spectacular and very beautiful.	2.50	20.00	.....
8.6 Mikado. Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids; edged and tipped gold. . . . .	.40	3.50	.....
8.6 Ruigegno. Clear red with golden petaloids. . . . .	.60	5.00	.....
8.0 Torpilleur. Guard petals lively purplish-carmine; central filamentous petals of same tint but streaked and tipped with yellow. . . . .	.40	3.00	20.00

SINGLE PEONIES

Unusually fine for Landscape Work

	Each	10	100
Fusuyama. Soft-colored flesh-pink. . . . .	.25	2.00	18.00
8.4 La Fiancee. Pure white. . . . .	.40	3.50	30.00
8.1 L'Etincelante. Very broad petals of bright carmine with silvery border; golden stamens. . . . .	.60	5.00	.....
Nympe. Large flowers of bright flesh pink, golden stamens. . . . .	.40	3.00	25.00
7.3 Veloutine. Large single cup-shaped flower, like a tulip; Tyrian purple with velvety reflex. . . . .	.30	2.00	15.00
7.6 Vesuve. Dark red. . . . .	.40	3.00	.....

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink.	\$0.15	\$1.00	\$ 8.00
Double White. . . . . .	.15	1.20	9.00
Double Red. . . . . .	.20	1.25	10.00
Double Mixed. . . . . .	.15	1.00	6.00

3 to 5 Eye Divisions

CASE LOT No. 1 (Value \$18.00) for \$15.00	CASE LOT No. 2 (Value \$26.25) for \$22.50	CASE LOT No. 3 (Value \$35.25) for \$31.00
75 Unnamed dbl. Pink	75 Edulis Superba	50 Baroness Schroeder
50 " " White	50 Mad. de Verneville	75 Sarah Bernhardt
75 " " Red	75 Felix Crousse	75 Karl Rosefeld
The above 200 roots, for \$15.00	The above 200 roots for \$22.50	The above 200 roots, for \$31.00

Vaughan's Roses for Florists



JOANNA HILL

Hybrid Tea Roses

PRICES of the following, except where noted.
Each, 40c; 10, \$3.75; 100, \$35.00.

DUCHESS OF WELLINGTON. Long saffron yellow buds opening to very large light yellow flowers.

E. G. HILL. Long, perfectly formed buds and full double flowers of dazzling scarlet.

ETOILE D'HOLLANDE. A brilliant dark red rose of magnificent size and perfect form; very fragrant.

GRUSS AN TEPLITZ. Brilliant red. One of the most prolific bloomers of all.

JOANNA HILL. A creamy yellow rose with an orange heart. Large, long pointed buds on long, strong stems; vigorous.

HINRICH GAEDE. Rich, reddish burnt-orange, eventually turning to soft orange-pink. Its unusual beauty attracts much attention. Each, 50c; 10, \$4.50; 100, \$40.00.

MME. BUTTERFLY. Beautifully formed, sweet-scented, long lasting blooms of creamy-pink with deep shadings of apricot and gold at its heart. Always dependable.

MME. JULES BOUCHE. Very popular garden variety, always in bloom. White sometimes lightly tinted pink. Fragrant.

MRS. CHARLES BELL. (Shell-Pink Radiance). Beautiful salmon-shell-pink. Has all the excellent qualities of Radiance.

MRS. E. P. THOM. Fine long buds opening into perfectly shaped flowers of rich lemon-yellow.

MRS. HENRY BOWLES. Well formed, fragrant flowers of brilliant pink with salmon shadings.

PRESIDENT HERBERT HOOVER. A lovely blending of orange-yellow, flame, vivid rose-pink and scarlet.

RADIANCE. Bright rose-pink, shining flowers of wonderful shape and fragrance, very popular.

RED RADIANCE. A bright, cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent "Radiance."

TALISMAN. A remarkable blending of gold, apricot, yellow, deep pink and old rose.

FORCING ROSES

Polyantha and Baby Roses

PRICES of the following, Forcing Grade. Each, 40c; 10, \$3.50; 100, \$30.00.

BRILLIANT ECHO. An improved Echo with uniform rosy-pink, double blooms in great profusion.

CRIMSON BABY RAMBLER. Still a favorite. Light crimson flowers in clusters of 30 to 40.

GLORIA MUNDI. New. Double, lasting flowers of glowing orange-scarlet, borne in large clusters.

GOLDEN SALMON. Bright orange-salmon flowers in huge clusters. Blooms continuously.

IDEAL. Decidedly an outstanding variety, flowers brilliant garnet-red, keeping their color well.

MRS. R. M. FINCH. Double soft rosy-pink flowers, two inches in diameter.

PINK GRUSS AN AACHEN. Orange-red and yellow buds, and large full flowers of glowing salmon-pink, with deeper center, fading lighter.

TRIOMPHE ORLEANAIS. Brilliant cherry-red, lasting in color; blooms profusely in trusses. Considered the finest of the light red Polyanthas.

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements.

PRICES listed are for two-year No. 1, field grown, dormant plants.

Five or more of one variety take the 10 rate; 25 or more of one variety take the 100 rate.

All prices are F. O. B., Western Springs, Ill., packing charges to be added at cost. Subject to change without notice.

New Patented Roses

These "Patented Plants" are being handled under license from the patent owners. They are for resale at retail only at the established retail prices.

Blaze. Cl. (Patent No. 10.) A new hardy climbing rose which inherits the blazing color in Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. Each, 60c; 10, \$5.50; 100, \$50.00.

Countess Vandal. (Patent No. 38.) The Rose of Roses! Long pointed bud of bronze copper-salmon and gold; open often 5 inches across; perfumed. Long stems. Each, 60c; 10, \$5.50; 100, \$50.00.

Crimson Glory. (Patent No. 104.) Large urn-shaped buds and well formed flowers of vivid crimson shaded ox-blood red. Vigorous branching growth. Each, 75c; 10, \$7.00; 100, \$60.00.

Doubloons. Cl. (Patent No. 152.) A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is covered with large, double, rich golden buff blooms, fading but little; fragrant. Gives two liberal crops six weeks apart if the first spring blossoms have not been cut. Each, \$1.00; 10, \$9.00; 100, \$75.00.

Eclipse. (Patent No. 172.) International Rose sensation. The long stream-lined buds are of rich gold without shading. Petals are large and tough, averaging 20 to 25 with more in autumn. Comes with slogan "It Eclipses 'em All." Each, 75c; 10, \$7.00; 100, \$60.00.

Hercules. Cl. (Patent No. 296.) A Rosa Setigera Hybrid of great hardiness. Huge flowers, 5 to 6 inches across of clear, deep rose-pink that will equal the finest Hybrid Tea Rose. Flowers abundantly. Attractive rich bronzy green leaves. Each, \$1.40; 10, \$12.50; 100, \$100.00.

Mabelle Stearns. (Patent No. 297.) Rosa Rose. Very hardy plants growing 2 feet high and spreading 6 to 8 feet or more if permitted. The full double flowers of peach-blossom-pink are produced in panicles from June until frost. Rich green healthy foliage. Each, \$1.40; 10, \$12.50.



POLYANTHA FORCING ROSE



PATENTED ROSE BLAZE

NEW PATENTED ROSES—Continued

Rome Glory. (Patent No. 304.) Best described as a red Dame Edith Helen. A very hardy, robust and vigorous plant. Produces large, full, well-formed, fragrant cerise-red blooms on long stems. Flowers long lasting on the plant or when cut. Each, \$1.00; 10, \$9.00; 100, \$75.00.

Signora. (Patent No. 201.) This rose is a real masterpiece. Long bud of a warm burnt sienna opening to a lighter hue toward mandarin. Has handsome foliage and long stems for cutting. Each, 75c; 10, \$7.00; 100, \$60.00.

Sterling. (Patent No. 21.) Beautiful clear pink flowers with orange base; bud pointed and very lasting when cut. It is a vigorous grower, has disease-resistant foliage and blooms very freely. Each, 75c; 10, \$7.00; 100, \$60.00.

The New Dawn. (Patent No. 1.) A sport from Dr. Van Fleet, identical in size, color, etc., but blooms continuously summer and fall. Each, \$1.00; 10, \$9.00; 100, \$75.00.

Hardy Hybrid Perpetual Roses

PRICES of the following, 2-year, No. 1. Each, 45c; 10, \$4.00; 100, \$35.00.

FRAU KARL DRUSCHKI (White American Beauty). The best white.

GEN. JACQUEMINOT. Bright shining crimson.

MRS. JOHN LAING. Bright shining pink.

ULRICH BRUNNER. Cherry crimson.

Climbing Roses

PRICES, except where noted. Each, 40c; 10, \$3.50; 100, \$30.00.

AMERICAN PILLAR. Large single flowers of clear pink with white eye, borne in immense clusters. Each, 30c; 10, \$2.50; 100, \$20.00.

CLIMBING AMERICAN BEAUTY. Large double rosy crimson, flowers freely produced in June.

DOROTHY PERKINS. The best of the pink ramblers. Each, 30c; 10, \$2.50; 100, \$20.00. 3-yr., 40c; 10, \$3.50; 100, \$25.00.

EXCELSA (Red Dorothy Perkins). Large full trusses of light crimson flowers. 2-yr., 35c; 10, \$3.00; 100, \$25.00.

PAUL'S SCARLET CLIMBER. Large, well-shaped flowers of a vivid scarlet-red that does not fade.

PRIMROSE. Large, double flowers of a soft, rich primrose yellow, borne in clusters of 4 and 5.

For complete list of Hybrid Tea and New Patented Roses, ask for our Spring Book for Florists, ready in December.

Ornamental and Flowering Shrubs

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seedling beds until sold.

Our Nursery is located at Western Springs, 15 miles west of Chicago on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full and explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. All trees, shrubs and plants shipped subject to customer assuming risk regarding their own State Nursery Inspection Regulations. Certificate furnished with each shipment.

Where personal selection of stock is made at our Nursery we charge according to its value.



PHILADELPHUS Grandiflorus

	Each	10	100
ACANTHOPANAX Pentaphyllum 2 to 3 ft.	\$0.30	\$2.50	\$20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	35.00
ALMOND. See Prunus glandulosa.			
AMORPHA Fruticosa. 2 to 3 ft.	.25	2.00	15.00
3 to 4 ft.	.30	2.25	17.00
ARALIA Spinosa (Devil's Walkingstick). 4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.50	
6 to 8 ft.	.75	6.50	
ARONIA Melanocarpa Nigra. 3 to 4 ft.	.50	4.50	
4 to 5 ft.	.60	5.00	
AZALEA Mollis. (Chinese Azalea.) 9 to 12 in. B. & B.	.75	6.50	
12 to 15 in. B. & B.	1.00	9.00	75.00
15 to 18 in. B. & B.	1.50	12.50	
18 to 24 in. B. & B.	2.00	17.50	
BERBERIS			
Koreana (Korean Barberry). Beautiful new variety, growing 6 ft. tall. Good foliage, richly colored in autumn. Bright red berries which persist over the winter. 12 to 18 in.	.35	3.00	20.00
18 to 24 in.	.40	3.50	30.00
Mentorensis. (Patent No. 99.) (New Evergreen Barberry.) 15 to 18 in.	.40	2.75	20.00
18 to 24 in.	.50	3.35	25.00
Thunbergii. 15 to 18 in.	.15	1.25	10.00
18 to 24 in.	.25	2.00	16.00
24 to 30 in.	.30	2.50	20.00
Thunbergii Atropurpurea. 15 to 18 in.	.25	2.00	18.00
18 to 24 in.	.30	2.50	22.50
24 to 30 in.	.50	4.00	30.00
Thunbergii Pluriflora Erecta (Trueledge Columnberry). (Patent No. 110.) 15 to 18 in.	.25	1.75	13.50
18 to 24 in.	.30	2.10	17.00
Prices on Berberis Mentorensis and Berberis Pluriflora Erecta are f. o. b., Painesville, Ohio			
CALYCANTHUS Floridus (Sweet Shrub). 18 to 24 in.	.30	2.00	
2 to 3 ft.	.35	2.50	
CARAGANA Arborescens. 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	15.00
4 to 5 ft.	.30	2.00	17.50
5 to 6 ft.	.35	2.50	20.00
CORNUS Alba Sibirica (Coral Dogwood). 2 to 3 ft.	.20	1.75	14.00
3 to 4 ft.	.25	2.00	16.00
4 to 5 ft.	.30	2.25	18.00
Amomum (Silky Dogwood). 2 to 3 ft.	.20	1.75	14.00
3 to 4 ft.	.25	2.00	16.00
4 to 5 ft.	.30	2.25	18.00
Bailey. An improved Coral Dogwood. 3 to 4 ft.	.25	2.00	16.00
Paniculata. 2 to 3 ft.	.35	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.45	3.50	27.50
Stolonifera (Red Osier Dogwood). 2 to 3 ft.	.25	2.00	15.00
Stolonifera Flaviramea. (Goldentwig Dogwood.)			
2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.00	17.50
COTONEASTER Acutifolia. 2 to 3 ft.	.30	2.75	25.00
3 to 4 ft.	.35	3.00	27.50
4 to 5 ft.	.40	3.50	30.00

COTONEASTER—Continued.	Each	10	100
Divaricata. 2 to 3 ft.	\$0.30	\$2.50	\$20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	30.00
Horizontalis. 18 to 24 in. B. & B.	1.25	10.00	
24 to 30 in. B. & B.	1.50	12.50	
CRAB, See Malus, page 34.			
CRATAEGUS. See page 34.			
CYDONIA Japonica. 18 to 24 in.	.25	2.00	17.50
2 to 3 ft.	.35	3.00	
DAPHNE Cneorum. 10 to 13 in. B. & B. bushy forcing grade, f. o. b. Ohio.		7.00	60.00
ELAEAGNUS Angustifolia. 3 to 4 ft.	.35	3.00	
Argentea (Silverberry). 4 to 5 ft.	.50	4.00	
ELSHOLTZIA Stauntoni. (Heathermint.) 15 to 18 in.	.40	3.50	
EUONYMUS Alatus (Burning Bush). 2 to 3 ft.	.50	4.00	
3 to 4 ft.	.60	5.00	
Alatus Compacta. 18 to 24 in.	.40	3.50	30.00
24 to 30 in.	.50	4.50	
2½ to 3 ft.	.60	5.00	
3½ to 4 ft.	1.00	9.00	
4 to 5 ft. specimens.	1.50	12.50	
Europaeus. (European Burning Bush.) 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
EUONYMUS Radicans (Wintercreeper). An excellent evergreen for sun or shade; small, dark shiny green leaves. 12 to 15 in.	.30	2.50	
15 to 18 in.	.40	3.50	
Radicans Colorata. (Bronze Winter Creeper.) Foliage bright red during the winter months. 12 to 15 in.	.30	2.50	20.00
15 to 18 in.	.35	3.00	25.00
Radicans Vegetus. (Bigleaf Wintercreeper.) A trailing evergreen vine with large leaves. Excellent as a ground-cover and for use with evergreens. Orange-scarlet berries in fall. 12 to 15 in.	.50	4.00	
15 to 18 in.	.60	5.00	
15 to 18 in. B. & B.	.90	7.50	
EXOCHORDA Grandiflora. 4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00
FORSYTHIA Intermedia. 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	14.00
4 to 5 ft.	.30	2.00	16.00
5 to 6 ft.	.35	2.25	18.00
Intermedia Spectabilis. 2 to 3 ft.	.20	1.80	14.00
3 to 4 ft.	.30	2.00	18.00
4 to 5 ft.	.40	3.00	25.00
Ovata. 2 to 3 ft.	.50	4.50	
Suspensa Fortunei. 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	2.00	17.50
4 to 5 ft.	.30	2.25	20.00
HAMAMELIS Virginica. (Witch Hazel.) 2 to 3 ft.	.40	3.50	
3 to 4 ft.	.50	4.50	
HYDRANGEA. Arborescens Grandiflora.	.30	2.50	20.00
18 to 24 in.	.35	3.00	25.00
Paniculata Grandiflora. 18 to 24 in.	.30	2.50	20.00
2 to 3 ft.	.35	3.00	25.00
ILEX Verticillata. (Common Winterberry.)			
2 to 3 ft.	.45	4.00	35.00
3 to 4 ft.	.50	4.50	
KOLKWTZIA Amabilis. 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.75	6.00	50.00
LIGUSTRUM Amurense. (Amor Privet, North.)			
18 to 24 in. 3 canes and up.	.75	5.00	
18 to 24 in. heavy cut-back.	.90	6.50	
2 to 3 ft. heavy cut-back.	1.00	7.50	
3 to 4 ft. heavy cut-back.	1.00	10.00	
Ibolum. 18 to 24 in. heavy cut-back.	.90	7.00	
2 to 3 ft. heavy.	1.00	8.50	
3 to 4 ft. 8 canes and up.	.20	1.75	15.00
Ibota. 18 to 24 in. heavy.		1.00	7.00
2 to 3 ft. heavy.	.15	1.20	10.00
3 to 4 ft. heavy.	1.00	1.75	15.00
Ibota Regelianum. 18 to 24 in.	.30	2.50	20.00
2 to 3 ft.	.40	3.00	25.00
Chinese Elm Hedging—See Ulmus Pumila under Trees, page 34.			
LILAC, See Syringa.			
LONICERA (Bush Honeysuckle).			
Bella Albida. 3 to 4 ft.	.25	2.00	15.00
4 to 5 ft.	.30	2.00	18.00
5 to 6 ft.	.40	3.00	20.00
Demissa. 2 to 3 ft.	.30	2.50	
3 to 4 ft.	.40	3.00	
Fragrantissima (Winter Honeysuckle). 2 to 3 ft.	.25	2.00	

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.
All Prices except where noted are F. O. B. Our Nurseries, Western Springs, Ill.

ORNAMENTAL SHRUBS—LONICERA—Continued.			
Korolkowi Floribunda. 2 to 3 ft.	Each \$0.40	10 \$3.50	100 \$25.00
3 to 4 ft.	.50	4.50	30.00
Maacki Podocarpa. (Late Honeysuckle.) 3 to 4 ft.	.40	3.50	\$30.00
4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.60	5.00	40.00
Morrowii. 3 to 4 ft.	.25	2.00	17.50
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	2.75	22.50
Ruprechtiana. 2 to 3 ft.	.20	1.75	15.00
3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	20.00
Tatarica Alba. 2 to 3 ft.	.20	1.25	15.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
Tatarica Rosea. 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	2.75	22.50
MAHONIA Aquifolium. (Oregon Hollygrape.)			
12 to 15 in., B. & B.	.50	4.00	
15 to 18 in., B. & B.	.60	5.00	45.00
18 to 24 in., B. & B.	1.00	9.00	75.00
MORUS Alba Tatarica (Russian Mulberry).			
3 to 4 ft.	.25	2.00	15.00
4 to 5 ft.	.30	2.50	20.00
PHILADELPHUS Avalanche (Syringa). 2 to 3 ft.			
3 to 4 ft.	.25	2.00	16.00
Bouquet Blanc. 2 to 3 ft.	.30	2.50	18.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	25.00
5 to 6 ft.	.45	4.00	25.00
Coronarius. 3 to 4 ft.	.25	2.00	16.00
4 to 5 ft.	.30	2.50	18.00
5 to 6 ft.	.35	3.00	20.00
Favorite. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.50	25.00
4 to 5 ft.	.45	4.00	30.00
Glacier. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.50	25.00
Grandiflorus. 3 to 4 ft.	.20	1.75	14.00
4 to 5 ft.	.25	2.00	16.00
5 to 6 ft.	.30	2.50	18.00
Lemoinei. 2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.00	18.00
4 to 5 ft.	.35	2.50	20.00
Mont Blanc. 3 to 4 ft.	.25	1.75	14.00
Nivalis. 2 to 3 ft.	.30	2.00	16.00
3 to 4 ft.	.35	2.50	20.00
Norma. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	30.00
4 to 5 ft.	.60	5.00	40.00
Ophelia. 3 to 4 ft.	.40	3.00	25.00
Pyramidalis. 2 to 3 ft.	.35	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.60	5.00	45.00
Virginal. 2 to 3 ft.	.25	2.25	20.00
3 to 4 ft.	.30	2.75	25.00
4 to 5 ft.	.40	3.00	27.50
5 to 6 ft.	.50	4.50	40.00
PHOTINIA Villosa. (Chinese Christmas Berry.)			
2 to 3 ft.	.40	3.50	
3 to 4 ft.	.50	4.00	
PHYSOCARPUS Monogynus. (Dwarf Ninebark.)			
2 to 3 ft.	.25	2.25	20.00
3 to 4 ft.	.30	2.50	22.50
PHYSOCARPUS Opulifolius. (Common Ninebark.)			
3 to 4 ft.	.20	1.75	15.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.40	3.00	25.00
Opulifolius Aureus. (Goldenleaf Ninebark.) 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	25.00
POTENTILLA Fruticosa. 18 to 24 in.			
2 to 3 ft.	.30	2.50	
3 to 4 ft.	.35	3.00	25.00
Prunus Besseyi (Hansen Bush Cherry).			
18 to 24 in.	.30	2.50	20.00
PRUNUS Glandulosa (Flowering Almond).			
Sinensis (Double Pink). 2 to 3 ft., own root.	.40	3.50	
3 to 4 ft., own root.	.50	4.50	
Triloba. See Trees, page 34.			
RHAMNUS Cathartica (Buckthorn). 2 to 3 ft.			
3 to 4 ft.	.20	1.50	12.00
4 to 5 ft.	.30	2.00	17.50
5 to 6 ft.	.40	3.00	25.00
Frangula. 3 to 4 ft.	.45	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.55	4.50	40.00
RHODOTYPOS Kerrioides. 18 to 24 in.			
2 to 3 ft.	.25	2.00	
3 to 4 ft.	.30	2.50	
RHUS Canadensis. 18 to 24 in.			
2 to 3 ft.	.30	2.50	
3 to 4 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.50	40.00
Typhina Laciniata. (Shredded Sumac.) 3 to 4 ft.			
4 to 5 ft.	.40	3.00	
ROSA			
Dr. E. M. Mills. 2-year.	.30	2.50	20.00
Hugonis. 2-year.	.40	3.00	25.00
Multiflora Japonica. 3-year.	.30	2.00	17.50
Rugosa Belle Poitevine. 2-year.	.30	2.00	17.50
3-year.	.35	2.50	20.00
Rugosa F. J. Grootendorst. 2-year.	.35	3.00	27.50
3-year.	.40	3.50	30.00
Rugosa Hansa. 2-year.	.30	2.00	18.00
3-year.	.35	2.50	20.00
Rugosa Pink Grootendorst. 2-year.	.40	3.50	30.00
3-year.	.50	4.00	35.00
Rugosa Rubra. 2-year.	.30	2.50	18.00
SALIX Discolor (Pussy Willow). 3 to 4 ft.			
4 to 5 ft.	.25	2.00	18.00
5 to 6 ft.	.30	2.50	20.00
Pentandra. (Laurel Willow.) 4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	2.75	22.50
Purpurea Nana. (Dwarf Blueleaf Arctic Willow).			
12 to 15 in.	.30	2.30	16.00

SAMBUCUS Canadensis Acutiloba. (Cutleaf American Elder.) 4 to 5 ft.			
5 to 6 ft.	Each \$0.40	10 \$3.50	100 \$25.00
Pubens. 4 to 5 ft.	.50	4.00	30.00
5 to 6 ft.	.60	5.00	40.00
SORBARIA Sorbifolia. (Ural False Spiraea.) 2 to 3 ft.			
3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	22.50
SPIRAEA Arguta. 2 to 3 ft.			
3 to 4 ft.	.25	1.80	14.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	25.00
Billardi. 3 to 4 ft.	.20	1.80	15.00
4 to 5 ft.	.25	2.00	18.00
Bumalda Anthony Waterer. 15 to 18 in.	.25	2.00	
18 to 24 in.	.30	2.50	20.00
Froebeli. 18 to 24 in.	.20	1.20	9.00
24 to 30 in.	.25	1.50	10.00
30 to 36 in.	.30	2.00	12.00
Japonica Ovalifolia (White Japanese S.) 18 to 24 in.			
Latifolia. 3 to 4 ft.	.25	2.00	
4 to 5 ft.	.30	2.50	15.00
5 to 6 ft.	.35	3.00	17.50
Thunbergi. 18 to 24 in.	.20	1.75	15.00
24 to 30 in.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
Trichocarpa (Korean S.). 2 to 3 ft.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
Van Houttei (Bridal Wreath). 2 to 3 ft.	.15	1.20	10.00
3 to 4 ft.	.25	1.50	12.00
4 to 5 ft.	.30	1.75	14.00
5 to 6 ft.	.35	2.00	16.00
SYMPHORICARPOS Racemosus. (Snowberry).			
2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	14.00
4 to 5 ft.	.30	2.00	16.00
Vulgaris (Indian Currant). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	14.00
SYRINGA (Lilac) Japonica. 4 to 5 ft.			
5 to 6 ft.	.60	4.50	40.00
6 to 8 ft.	.70	6.00	50.00
Josikaea. 3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	35.00
Persian Purple. 2 to 3 ft.	.30	2.25	20.00
3 to 4 ft.	.35	2.50	22.50
4 to 5 ft.	.40	2.75	25.00
5 to 6 ft.	.50	4.00	30.00
Villosa. 3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	
Vulgaris Purpurea. 2 to 3 ft.	.25	1.75	14.00
3 to 4 ft.	.30	2.00	16.00
4 to 5 ft.	.35	2.50	20.00
5 to 6 ft.	.40	3.50	30.00
NAMED FRENCH VARIETIES.			
Berryer, Buffon, Charles Joly, Ludwig Spaeth, Mad. Lemoine, Michael Buchner, Montaigne. 2 to 3 ft.	.60	5.50	
Berryer, Buffon, Charles Joly, Ludwig Spaeth, Michael Buchner, Montaigne, Claude Bernard. 3 to 4 ft.	.75	7.00	
Claude Bernard, Montaigne, Michael Buchner. 4 to 5 ft.	1.00	9.00	
Claude Bernard, Montaigne, Michael Buchner, Pres. Grevy. 5 to 6 ft.	1.50		

SPECIAL OFFER FRENCH HYBRID LILACS:

Named varieties, our selection, beautiful assortment of singles and doubles.

	Each	10	100
3 to 4 ft.	\$0.60	\$5.00	\$45.00
4 to 5 ft.	.75	6.00	50.00
5 to 6 ft.	.90	7.50	65.00

Rhum Von Horstenstein, Marechal Lannes, Pres. 2 to 3 ft.	Each \$1.25	10 \$10.00	100 \$75.00
Fallieres, Pres. Poincare, Katherine Havemeyer. 2 to 3 ft.	1.50		
Marechal Lannes, Pres. Poincare, Jan Van Tol. 3 to 4 ft.	.25	2.00	15.00
TAMARIX Africana. 3 to 4 ft.	.30	2.25	16.00
4 to 5 ft.	.35	2.50	18.00
5 to 6 ft.	.40	3.00	20.00
Amurensis. 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
VIBURNUM Americanum. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
Carlesi. (Fragrant V.) Bare roots. 18 to 24 in.	.90	7.50	
18 to 24 in., B. & B.	1.25	11.50	
2 to 2½ ft., B. & B.	1.75	15.00	
Dentatum. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
Lantana. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	2.75	22.50
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	27.50
Lentago. 2 to 3 ft.	.40	3.50	
3 to 4 ft.	.50	4.00	
4 to 5 ft.	.60	5.00	
Molle. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
Opulus. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
Opulus Sterile. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
Sieboldi. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
ULMUS Pumila, Chinese Elm Hedging—See Trees.			
WEIGELA Floribunda. 2 to 3 ft.	.35	3.00	25.00
Rosea. 2 to 3 ft.	.25	2.00	15.00

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.

All Prices are F. O. B. Our Nurseries, Western Springs, Ill.

Vaughan's Evergreens

Prices listed, unless otherwise noted, include balling and burlapping.
All our Evergreens are two or more times transplanted.

ABIES Concolor (White Fir). Forms a compact symmetrical tree of blue green foliage.			
	Each	10	100
18 to 24 in.	\$1.50	\$12.50	.....
2 to 2½ ft.	2.00	17.50	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.50	32.50	.....
3½ to 4 ft.	4.50	42.50	.....
4 to 4½ ft.	5.75	55.00	.....
4½ to 5 ft.	6.50	.....	.....

JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading, irregular form with foliage of blue-green.			
	Each	10	100
12 to 15 in.	.90	7.50	.....
15 to 18 in.	1.00	9.00	.....
18 to 24 in.	1.35	12.50	.....
24 to 30 in.	1.75	15.00	.....

JUNIPERUS Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance.			
	Each	10	100
15 to 18 in. spread.	\$1.65	\$15.00	.....
18 to 24 in. spread.	2.75	25.00	.....
18 to 24 in. spread, once transplanted.	2.00	18.50	.....
24 to 30 in. spread.	3.00	29.00	.....
24 to 30 in. spread, once transplanted.	2.50	22.50	.....
2½ to 3 ft. spread.	3.75	35.00	.....
3 to 3½ ft. spread.	4.25	40.00	.....
3½ to 4 ft. spread.	5.00	47.50	.....
4 to 4½ ft. spread.	5.50	52.50	.....
4½ to 5 ft.	6.00	57.50	.....
4½ to 5 ft. specimens.	8.00	.....	.....
5 to 6 ft.	8.00	75.00	.....
5 to 6 ft. specimens.	12.00	.....	.....
6 to 7 ft.	10.00	90.00	.....
6 to 7 ft. specimens.	15.00	.....	.....
7 to 8 ft.	12.00	100.00	.....
8 to 10 ft.	14.00	120.00	.....
10 to 12 ft.	16.00	140.00	.....

Chinensis Pfitzeriana (Upright Pfitzer). These have been staked into an upright growing habit.			
	Each	10	100
2½ to 3 ft.	3.75	32.50	.....
3 to 3½ ft.	4.25	40.00	.....
3½ to 4 ft.	6.00	.....	.....

Chinensis Procumbens. Long trailing branches; foliage glaucous green. 12 to 15 in.			
	Each	10	100
15 to 18 in.	1.75	15.00	.....
18 to 24 in.	2.25	20.00	.....
24 to 30 in. spread.	2.75	25.00	.....
2½ to 3 ft. spread.	3.25	30.00	.....

Communis Depressa Plumosa (Andorra Juniper). Of low spreading, irregular form with bright-green foliage, reddish-purple in fall. 12 to 15 in. spread.			
	Each	10	100
15 to 18 in. spread.	1.50	12.50	.....
18 to 24 in. spread.	1.75	15.00	.....
2 to 2½ ft. spread.	2.50	22.50	.....
2½ to 3 ft. spread.	2.75	25.00	.....

Excelsa Stricta (Spiny Greek Juniper). Compact, well-shaped pyramid with gray-green foliage.			
	Each	10	100
18 to 24 in.	1.50	12.50	.....

Japonica (Japanese J.). Vigorous grower with wide-spreading procumbent branches. 2 to 2½ ft.			
	Each	10	100
2 to 2½ ft.	2.75	25.00	.....
2½ to 3 ft.	3.50	.....	.....

Sabina (Savin Juniper). Dark green foliage. Spreading, semi-erect branches. 12 to 15 in.			
	Each	10	100
15 to 18 in.	1.00	9.00	.....
18 to 24 in.	1.25	10.00	.....
18 to 24 in.	1.75	15.00	.....

Sabina Prostrata Horizontalis. Light green foliage. Low-spreading branches that form a dense mat over the ground. 15 to 18 in.			
	Each	10	100
18 to 24 in.	.80	7.50	\$65.00
18 to 24 in.	1.25	10.00	90.00
2 to 2½ ft.	1.50	13.50	125.00
2½ to 3 ft.	2.00	17.50	150.00
3 to 3½ ft.	2.50	22.50	200.00

Sabina Prostrata Horizontalis Glauca. Like the above, but with distinct steel-blue foliage. 18 to 24 in.			
	Each	10	100
2 to 2½ ft. spread.	2.00	15.00	.....
2½ to 3 ft. spread.	2.50	20.00	.....
3 to 3½ ft. spread.	3.00	25.00	.....

Sabina Von Ehrh. Semi-spreading, picturesque drooping branches, and very dark green foliage.			
	Each	10	100
2 to 2½ ft.	2.00	17.50	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.00	27.50	.....

Scopulorum Hilli (Silver Colorado Juniper).			
	Each	10	100
3 to 3½ ft.	4.00	37.50	.....
3½ to 4 ft.	5.00	.....	.....

Squamata Meyeri (Meyer Juniper). Of dwarf, irregular growth and novel coloring in tones of green, white and pinkish-red. 18 to 24 in.			
	Each	10	100
2 to 2½ ft.	2.50	22.50	.....
2½ to 3 ft.	3.50	32.50	.....

Virginiana (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.			
	Each	10	100
2 to 2½ ft.	1.00	9.00	80.00
2½ to 3 ft.	1.25	10.00	90.00
3 to 3½ ft.	1.75	15.00	.....
3½ to 4 ft.	2.25	20.00	.....
4 to 4½ ft.	3.00	27.50	.....
4½ to 5 ft.	3.50	32.50	.....
5 to 5½ ft. sheared.	4.00	37.50	.....
5½ to 6 ft. sheared.	4.50	42.50	.....
6 to 6½ ft. sheared.	5.00	47.50	.....
6½ to 7 ft. sheared.	6.00	57.50	.....

JUNIPERUS Virginiana—Continued.			
	Each	10	100
7 to 7½ ft. sheared.	\$6.75	\$ 65.00	.....
7½ to 8 ft. sheared.	7.50	70.00	.....
8 ft. sheared.	8.00	75.00	.....
9 ft. sheared.	9.00	85.00	.....
10 ft. sheared.	10.50	100.00	.....
11 ft. sheared.	12.00	.....	.....
12 ft. sheared.	15.00	.....	.....

Virginiana Cannarti (Cannart Red Cedar). Rich, deep green foliage, heavily tufted. 2 to 2½ ft.			
	Each	10	100
2½ to 3 ft.	2.25	20.00	.....
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.25	30.00	.....
4 to 4½ ft.	4.25	40.00	.....
4½ to 5 ft.	5.00	47.50	.....
5 to 5½ ft.	5.75	55.00	.....
5½ to 6 ft.	6.25	60.00	.....
6 ft.	7.00	67.50	.....
6½ ft.	7.75	75.00	.....
7 ft.	8.50	.....	.....
7 ft.	9.50	.....	.....

Virginiana Glauca (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage.			
	Each	10	100
2 to 2½ ft.	1.75	15.00	.....
2½ to 3 ft.	2.25	20.00	.....
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.25	30.00	.....
4 to 4½ ft.	4.00	37.50	.....
4½ to 5 ft.	4.50	42.50	.....
5 to 5½ ft.	5.00	47.50	.....
5½ to 6 ft.	6.00	57.50	.....
6 to 6½ ft.	7.00	67.50	.....
6½ to 7 ft.	8.50	80.00	.....
7 to 7½ ft.	10.00	.....	.....
7½ to 8 ft.	12.00	.....	.....
8 to 8½ ft.	15.00	.....	.....
8½ to 9 ft.	17.50	.....	.....
9 to 10 ft.	20.00	.....	.....

Virginiana Schotti (Schott Red Cedar). Fresh green foliage that does not change in winter. 2½ to 3 ft.			
	Each	10	100
3 to 3½ ft.	3.25	30.00	.....
3½ to 4 ft.	3.75	35.00	.....
4 to 4½ ft.	4.25	40.00	.....
4½ to 5 ft.	4.75	45.00	.....
5 to 5½ ft.	5.25	50.00	.....
5½ to 6 ft.	6.00	57.50	.....

PICEA Canadensis (White Spruce). Silvery-green foliage. 18 to 24 in.			
	Each	10	100
2 to 2½ ft.	.90	8.50	.....
2½ to 3 ft.	1.25	10.00	.....
2½ to 3 ft.	1.50	12.50	.....

Canadensis Albertiana (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage. 12 to 18 in.			
	Each	10	100
18 to 24 in.	.90	7.50	.....
18 to 24 in.	1.50	12.50	.....
2 to 2½ ft.	2.00	17.50	.....
2½ to 3 ft.	2.25	20.00	.....
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.25	30.00	.....
4 to 4½ ft.	3.75	35.00	.....
4½ to 5 ft.	4.25	40.00	.....
5 ft.	5.00	47.50	.....
5½ ft.	5.50	.....	.....
6 ft.	6.00	.....	.....
6½ ft.	6.50	.....	.....
7 ft.	7.50	.....	.....

Excelsa (Norway Spruce).			
	Each	10	100
18 to 24 in.	.75	6.50	\$60.00
2 to 2½ ft.	1.00	9.00	75.00
2½ to 3 ft.	1.15	10.00	90.00
3 to 4 ft.	1.25	11.00	100.00
4 to 5 ft.	2.00	17.50	150.00
5 to 6 ft.	3.00	25.00	200.00
6 to 7 ft.	4.00	32.50	300.00
7 to 8 ft.	5.00	45.00	.....

Pungens (Colorado Green Spruce). Bluish green foliage. 12 to 18 in.			
	Each	10	100
18 to 24 in.	.90	7.50	.....
18 to 24 in.	1.00	9.00	75.00
2 to 2½ ft.	1.65	14.00	125.00
2½ to 3 ft.	2.00	17.50	160.00
3 to 3½ ft.	2.25	20.00	175.00
3½ to 4 ft.	2.75	25.00	225.00
4 to 4½ ft.	3.25	30.00	275.00
4½ to 5 ft.	3.75	35.00	300.00
5 to 5½ ft.	5.00	47.50	.....
5½ to 6 ft.	5.50	50.00	.....
6 to 6½ ft.	6.00	55.00	.....

Pungens Glauca (Colorado Blue Spruce). Selected blue form of the above. 18 to 24 in.			
	Each	10	100
2 to 2½ ft.	2.25	20.00	.....
2½ to 3 ft.	2.50	22.50	.....
3 ft.	3.00	27.50	.....
3 ft.	4.00	37.50	.....
3½ ft.	5.00	47.50	.....
4 ft.	6.00	57.50	.....
4½ ft.	7.50	70.00	.....
5 ft.	9.00	.....	.....
5½ ft.	12.00	.....	.....
6 ft.	15.00	.....	.....

Larger Sizes, Prices on Application.

Pungens Moerheimi (Moerheimi Blue Spruce). Foliage of bright intense blue, grown from grafts. Superior to the Koster Blue Spruce. 18 in.			
	Each	10	100
2 ft.	3.50	.....	.....
2½ ft.	4.00	.....	.....
3 ft.	5.00	.....	.....
3½ ft.	6.50	.....	.....
4 ft.	8.00	.....	.....
4½ ft.	10.00	.....	.....
5 ft.	14.00	.....	.....
5½ ft.	16.00	.....	.....
6 ft.	18.00	.....	.....
6 ft.	20.00	.....	.....

All Evergreens personally selected and tagged in the Nursery will be charged for according to their value, usually 25% above catalog price.

Vaughan's Evergreens—Continued

PINUS Montana Mughus (Mugho Pine). A low- Each	10	100
growing round topped evergreen; fine for rock plant-		
ing and foundation work. 12 to 15 in.....	\$1.00	\$ 9.00
15 to 18 in.....	1.25	11.50
18 in.....	1.75	15.00
2 ft.....	2.00	17.50
2½ ft.....	2.50	22.50
3 ft.....	3.25	30.00
3½ ft.....	4.00	37.50
4 ft.....	4.75	45.00
Montana Mughus Compacta. A compact form of		
the Mugho Pine. 24 in.....	2.50	20.00
2½ ft.....	3.00	27.50
3 ft.....	3.50	
Sylvestris (Scotch Pine). Of rapid growth, with		
strong branches and short, stiff, bluish green foliage.		
2 to 2½ ft.....	.90	7.50
2½ to 3 ft.....	1.00	9.00
3 to 3½ ft.....	1.25	10.00
3½ to 4 ft.....	1.50	12.50
4 to 4½ ft.....	1.75	15.00
4½ to 5 ft.....	2.25	20.00
5 to 6 ft.....	3.00	25.00
6 to 7 ft.....	3.50	30.00
7 to 8 ft.....	4.00	37.50
8 to 10 ft.....	5.00	45.00
TAXUS Cuspidata (Japanese Yew). 15 to 18 in.....	1.75	16.00
18 to 24 in.....	2.50	22.50
2 ft.....	3.25	30.00
2½ ft.....	4.25	40.00
TAXUS Cuspidata Capitata (Upright Japanese		
Yew). 15 to 18 in.....	1.75	16.00
18 to 24 in.....	2.25	20.00
2 ft.....	2.50	22.50
2½ ft.....	3.00	27.50
3 ft.....	3.75	35.00
3½ ft.....	4.50	42.50
4 ft. specimens.....	10.00	95.00
4½ ft. specimens.....	12.00	
5 ft. specimens.....	13.50	
5½ ft. specimens.....	15.00	
TAXUS Cuspidata Nana (Dwarf Japanese Yew).		
18 to 24 in.....	3.75	35.00
2 ft. heavy specimens.....	7.50	
2½ ft. heavy specimens.....	9.25	
TAXUS Media Hicksi (Hick's Yew). Very compact,		
narrow upright. 18 to 24 in.....	2.75	25.00
2 to 2½ ft.....	3.25	30.00
2½ ft.....	4.50	42.50
THUJA Occidentalis (American Arborvitae).		
18 to 24 in.....	.75	6.50
24 to 30 in.....	.90	7.50
2½ to 3 ft.....	1.15	10.00
3 to 3½ ft.....	1.40	12.50
3½ to 4 ft.....	1.65	14.00
4 to 4½ ft.....	1.90	17.50
4½ to 5 ft.....	2.25	20.00
5 to 5½ ft.....	2.50	22.50
5½ to 6 ft.....	3.00	27.50
6 to 7 ft.....	3.50	32.50
7 to 8 ft.....	5.00	45.00
8 to 9 ft.....	6.50	60.00
9 to 10 ft.....	8.00	
Occ. Douglasi Pyramidalis (Douglas Pyramidal		
Arborvitae). Of compact, tall slender form; foliage		
dark green with lighter tips. 3 to 3½ ft.....	2.25	20.00
3½ to 4 ft.....	2.75	25.00
4 to 4½ ft.....	3.25	30.00
4½ to 5 ft.....	4.00	37.50
Occ. Globosa (Am. Globe Arborvitae). A round,		
compact form, dark green foliage. 12 to 15 in.....	.90	7.50
18 in.....	1.00	8.50
21 in.....	1.25	11.00
24 in.....	1.75	15.00
Occ. Pyramidalis (Am. Pyramidal Arborvitae). A		
compact, narrowly pyramidal tree with bright green		
foliage. 18 to 24 in.....	1.00	9.00
2 to 2½ ft.....	1.35	12.50
2½ to 3 ft.....	1.50	13.50
3 to 3½ ft.....	1.75	15.00
3½ to 4 ft.....	2.00	17.50
4 to 4½ ft.....	2.25	20.00
4½ to 5 ft.....	2.50	22.50
5 to 5½ ft.....	2.75	25.00
5½ to 6 ft.....	3.00	27.50
6 to 6½ ft.....	3.25	30.00
6½ to 7 ft.....	3.50	32.50
7 to 8 ft.....	5.00	
Occ. Rosenthali (Rosenthal Arborvitae). Dark		
green dense foliage; compact grower. 18 to 24 in.....	1.50	12.50
24 to 30 in.....	2.00	17.50
2½ to 3 ft.....	2.50	22.50
3 to 3½ ft.....	2.75	25.00
3½ to 4 ft.....	3.00	27.50
Occ. Wareana (Ware Arborvitae). Of dense broad,		
pyramidal form with rich green foliage. Very hardy.		
2½ to 3 ft.....	2.00	17.50
3 to 3½ ft.....	2.25	20.00
3½ to 4 ft.....	2.75	25.00
4 to 4½ ft.....	3.50	
Occ. Woodwardi (Woodward Globe Arborvitae).		
15 in.....	1.00	9.00
18 in.....	1.25	10.00

Hardy Vines

AKEBIA Quinata. A beautiful Japanese vine with Each	10	100
unique foliage and chocolate-purple flowers. 3-year.....	\$0.30	\$2.50
AMPELOPSIS Aconitifolia (Monkshood Vine.) At-		
tractive foliage; amber berries in autumn. 2-year.....	.20	1.75
3-year.....	.25	2.00
Engelmanni. A hardy and quick-growing, self-clinging		
vine. 2-year.....	.20	1.50
3-year.....	.25	2.00
Quinquefolia (Woodbine). A good native vine valued		
for its bright crimson foliage in fall. 2-year.....	.20	1.50
3-year.....	.25	1.75
Veitchii (Boston Ivy). The grandest hardy climbing		
vine that clings tightly to stone or brick. Good		
glossy green leaves, three-lobed. 2-year No. 1.....	.25	2.00
3-year.....	.35	3.00
ARISTOLOCHIA Siphon (Dutchman's Pipe). 2 yr.....	.50	4.00
BIGNONIA Radicans. Showy trumpet-shaped flowers		
of brilliant orange-scarlet. 2-year.....	.25	2.00
3-year.....	.30	2.50
CELASTRUS. Hardy climber, with orange-capsuled		
fruit in autumn.		
Scandens (American Bittersweet). 2-year.....	.25	2.00
CLEMATIS—Small-Flowering Paniculata. The finest		
small-flowering Clematis. Pure white, deliciously		
fragrant flowers. September. 2-year.....	.30	2.50
CLEMATIS—Large-Flowering.		
Duchess of Edinburgh, double white; Henryi, single		
white; Jackmani, rich royal purple; Mme. Ed.		
Andre, wine red; Ramona, blue. 2-year No. 1.....	.50	4.00
2½-inch pots.....	.30	2.10
HEDERA Helix.		
English Ivy (Gracilis—Small-Leaved). Hardy.		
2½-inch pots.....	.40	1.00
2-year.....	.40	3.50
LONICERA—Honeysuckle, Heckrotti. Flowers dark		
red and creamy yellow. 2-year.....	.50	4.50
Japonica Halliana (Hall's Japanese). Very frag-		
rant pure white flowers changing to yellow. 2-year.....	.25	1.80
Sempervirens (Scarlet Trumpet). Fuchsia-like scar-		
let flowers. 2-year.....	.25	2.00
POLYGONUM Auberti. Fast growing vine producing		
foamy masses of white flowers in late summer. 2-year.....	.35	2.50
WISTERIA Magnifica. Vigorous grower. Purple-lilac		
flowers. 2-year.....	.25	2.00
3-year.....	.30	2.00

CANNAS

Dormant roots ready for January 1st.

***Improved Florence Vaughan** Owing no doubt to a deterioration in breeding stock, plants distributed under the name of Florence Vaughan have for several years been decidedly smaller, and of inferior color to the original variety, introduced by us. Making a search for stock of the original quality, we found it in Europe, and have propagated from carefully selected specimens to produce the improved type offered here. Giant flowers of vivid golden yellow sprinkled with fine red dots, are borne on strong 4-foot stems. In our judgment, the best of all yellows. Per 100 Per 1000
Green foliage.....10 for \$1.75 \$12.00 \$100.00

***King Humbert** 4 FT. SCARLET FLOWERS. EST FAVORITE TODAY. This remarkable "Gold Medal" Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both: the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage. Dormant roots... 3.75 32.50

***Yellow King Humbert** 4 feet. An orchid-flowering sport of the well-known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to 3½ in. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect. Dormant Roots..... 3.75 32.50

The President 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant Roots..... 3.75 32.50

AMBASSADOR. 3½ to 4 ft. Considered an improved King Humbert. Bronze foliage; color poppy-red; very brilliant. Flowers are borne in immense trusses on strong stalks well above the foliage; the petals measuring 2 to 2½ inches across. Plant is very vigorous. Dormant Roots... 4.50 40.00

COPPER GIANT. 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial.....10 for \$1.20 8.00 60.00

CITY OF PORTLAND. 3½ ft. Deep pink. Extra good flower. Does not fade. Green foliage..... 4.00 35.00

EUREKA. 4 ft. Remarkably free flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as King Humbert. Dormant Roots..... 6.00 50.00

HUNGARIA. 3½ feet. Very compact, almost dwarf, and luxuriant growth. Leaves bluish green, never burn. Flowers La France pink. Dormant Roots..... 4.00 35.00

LOUIS CAYEUX. 4 ft. Immense flowers of bright rosy scarlet, green foliage..... 7.00 65.00

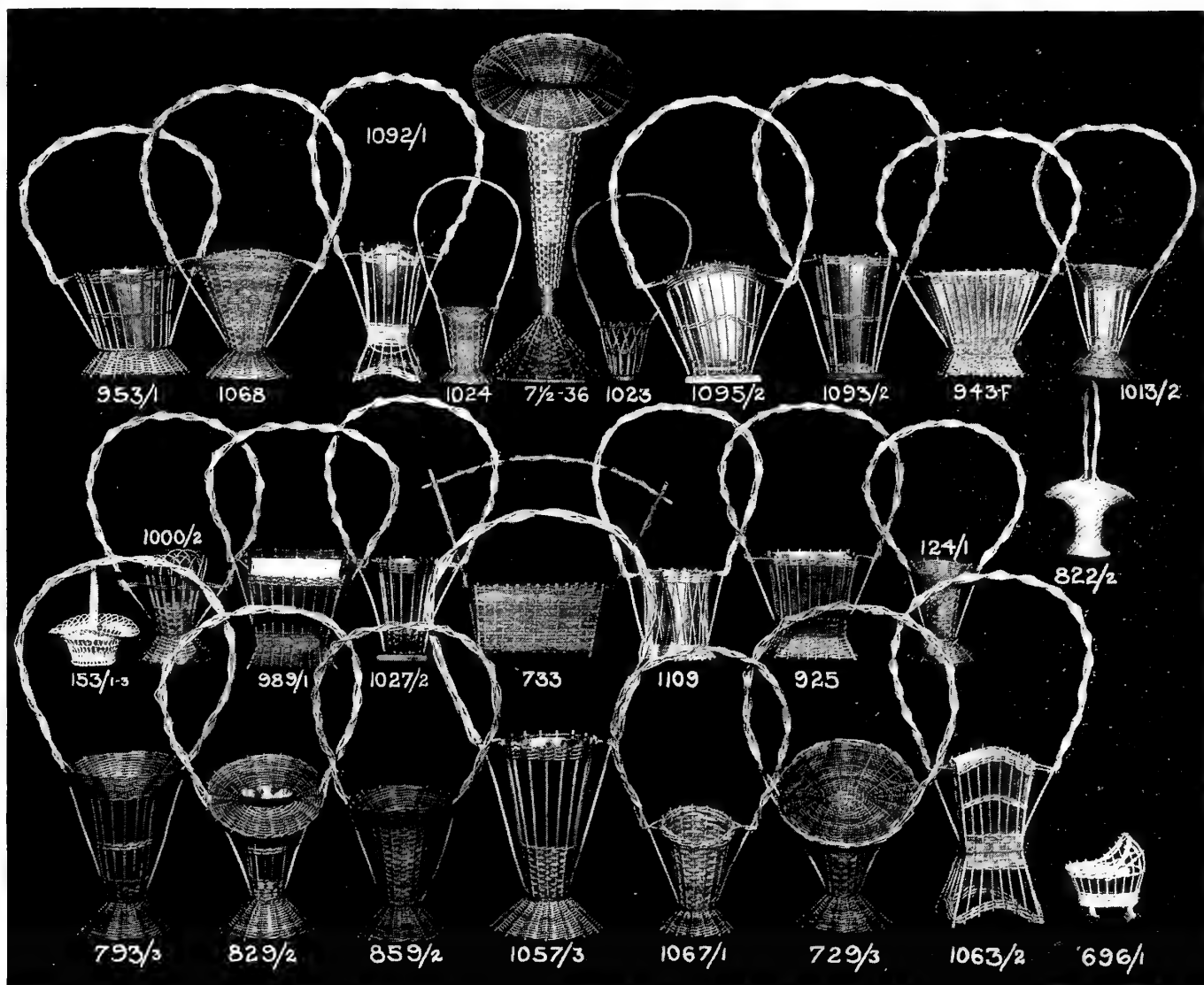
Ornamental and Shade Trees

All our trees are nursery grown and are one or more times transplanted.

ACER	Each	10	100
Dasyacarpum (Silver Maple).			
6 to 8 ft.	\$0.60	\$ 5.00	\$40.00
8 to 10 ft., 1 to 1 1/4 in. caliper.	.90	7.50	50.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.00	9.00	70.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	1.20	10.00	90.00
10 to 12 ft., 1 3/4 to 2 in. caliper.	1.30	11.50	100.00
12 to 14 ft., 2 to 2 1/4 in. caliper.	1.40	12.50	115.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper.	1.75	15.00	125.00
14 to 16 ft., 2 1/2 to 2 3/4 in. caliper.	2.00	17.50	150.00
Dasyacarpum Wieri (Wier Maple).			
12 to 14 ft., 2 to 2 1/4 in. caliper.	2.25	20.00	.....
12 to 14 ft., 2 1/4 to 3 in. caliper.	3.00	27.50	.....
Ginnala (Amur Maple). 3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.60	5.00	40.00
5 to 6 ft.	.75	6.00	50.00
6 to 8 ft.	.90	10.00	.....
8 to 10 ft.	1.50	12.50	.....
Platanoides (Norway Maple).			
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.50	12.50	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.60	14.00	.....
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	1.90	17.50	.....
12 to 14 ft., 2 1/4 to 3 in. caliper.	3.25	30.00	.....
16 to 18 ft., 3 to 3 1/4 in. caliper.	3.50	32.50	.....
16 to 18 ft., 3 1/4 to 3 1/2 in. caliper.	3.75	35.00	.....
16 to 18 ft., 3 1/2 to 3 3/4 in. caliper.	4.50	42.50	.....
16 to 18 ft., 3 3/4 to 4 in. caliper.	5.00	47.50	.....
16 to 18 ft., 4 in. caliper, specimens.	9.00	85.00	.....
16 to 18 ft., 5 in. caliper, specimens.	15.00	.....	.....
Write for prices on larger sizes.			
Platanoides Schwedleri (Schwedler Maple).			
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.75	15.00	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	2.25	20.00	.....
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	2.75	25.00	.....
10 to 12 ft., 1 3/4 to 2 in. caliper.	3.00	27.50	.....
12 to 14 ft., 2 to 2 1/4 in. caliper.	3.25	30.00	.....
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper.	3.50	32.50	.....
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper.	4.00	37.50	.....
12 to 14 ft., 2 3/4 to 3 in. caliper.	4.50	42.50	.....
14 to 16 ft., 3 to 3 1/4 in. caliper.	5.00	47.50	.....
3 to 3 1/4 in. caliper, specimens.	8.00	75.00	.....
Saccharum (Sugar Maple).			
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.50	12.50	.....
AILANTHUS Glandulosa (Tree of Heaven). 4 to 5 ft.	.50	4.50	.....
5 to 6 ft.	.65	5.50	.....
6 to 8 ft.	.90	7.50	.....
8 to 10 ft.	1.25	.....	.....
ARALIA Spinosa (See Shrubs).			
CATALPA Speciosa. 8 to 10 ft., 1 to 1 1/4 in. caliper.	.60	5.00	35.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	.75	6.00	45.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	.90	7.50	60.00
12 to 14 ft., 2 to 2 1/4 in. caliper.	1.00	9.00	75.00
CHERRY, Japanese—See Prunus.			
CRATAEGUS (Hawthorn).			
Arnoldiana. 8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	3.00	27.50	.....
8 to 10 ft., 1 1/2 to 1 3/4 in. caliper.	3.75	35.00	.....
Coccinea (Thicket Hawthorn). 4 to 5 ft.	1.75	15.00	.....
5 to 6 ft.	2.00	17.50	.....
6 to 7 ft. specimens, B. & B.	5.00	.....	.....
Cordata. 3 to 4 ft.	1.00	9.00	.....
4 to 5 ft.	1.50	12.50	.....
5 to 6 ft.	2.00	17.50	.....
6 to 7 ft.	2.50	22.50	.....
8 to 10 ft., 1 to 1 1/4 in. caliper.	3.00	27.50	.....
Crusgalli. 5 to 6 ft.	2.00	17.50	.....
6 to 7 ft.	2.50	22.50	.....
6 to 7 ft. sheared specimens, B. & B.	7.50	.....	.....
8 to 10 ft. sheared specimens, B. & B.	10.00	.....	.....
Oxyacantha (English Hawthorn). 4 to 5 ft.	1.00	9.00	.....
5 to 6 ft.	1.75	15.00	.....
6 to 7 ft.	2.00	17.50	.....
8 to 10 ft., 1 to 1 1/4 in. caliper.	3.00	.....	.....
GLEDTISIA Triacanthos Inermis (Thornless Honey Locust). 8 to 10 ft., 1 to 1 1/4 in. caliper.	1.75	15.00	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	2.25	20.00	.....
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	2.75	25.00	.....
MALUS (Flowering Crab Apples).			
Floribunda, Niedzwetzkyana, Atrosanguinea. 4 to 5 ft.	1.00	9.00	.....
Floribunda, Niedzwetzkyana, Atrosanguinea. 5 to 6 ft.	1.25	10.00	.....
Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1 to 1 1/4 in. caliper.	1.75	15.00	.....
Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1 1/4 to 1 1/2 in. caliper.	2.50	22.50	.....
Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1 1/2 to 1 3/4 in. caliper, specimens.	3.00	27.50	.....
Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1 3/4 to 2 in. caliper, specimens.	3.50	32.50	.....
Atrosanguinea Floribunda. 2 to 2 1/2 in. caliper, specimens.	5.00	.....	.....
Eleyi (New). 4 to 5 ft.	1.50	12.50	.....
5 to 6 ft.	1.75	15.00	.....
Ioensis Bechteli (Bechtel's Dbl. Flowering Crab). 4 to 5 ft.	1.00	9.00	.....
6 to 7 ft., 1 to 1 1/4 in. caliper.	1.75	15.00	.....
7 to 8 ft., 1 1/4 to 1 1/2 in. caliper.	2.25	20.00	.....
7 to 8 ft. specimens, 1 1/2 to 1 3/4 in. caliper.	5.00	.....	.....
7 to 8 ft. specimens, 1 3/4 to 2 in. caliper.	6.50	.....	.....
8 to 10 ft. specimens, 2 to 2 1/4 in. caliper.	7.50	.....	.....
POPULUS Bolleana (Bolleana Poplar).			
6 to 8 ft.	.75	6.50	.....
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.00	9.00	75.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.25	10.00	.....
Eugenei (Carolina Poplar). One of the most rapid growing of all shade trees.			
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	.60	5.00	\$40.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	.70	6.00	45.00
10 to 12 ft., 1 3/4 to 2 in. caliper.	.80	7.00	60.00
12 to 14 ft., 2 to 2 1/4 in. caliper.	1.00	9.00	75.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper.	1.25	10.00	90.00
12 to 14 ft., 2 1/2 to 3 in. caliper.	1.50	12.50	.....

POPULUS—Continued.

	Each	10	100
Nigra Italica (Lombardy Poplar). A valuable tree for landscape work and screens. Our trees are very fine, being branched from the ground. 6 to 8 ft.	\$0.40	\$3.00	\$25.00
8 to 10 ft., 1 to 1 1/4 in. caliper.	.50	4.00	35.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	.75	6.50	50.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	.90	7.50	.....
Simonsi Fastigiata (Narrow Simon Poplar).			
8 to 10 ft., 1 to 1 1/4 in. caliper.	.60	5.00	40.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	.75	6.50	.....
PRUNUS Americana (American Plum). 3 to 4 ft.	.25	1.80	15.00
4 to 5 ft.	.30	2.00	18.00
5 to 6 ft.	.35	3.00	25.00
6 to 8 ft.	.40	3.50	30.00
Blirieana (Purple-leaved Flowering Plum) 5 to 6 ft.	1.00	9.00	.....
Newport (Purple-leaved). 4 to 5 ft.	.70	6.00	.....
5 to 6 ft.	.90	7.50	.....
6 to 8 ft.	2.00	17.50	.....
Triloba (Flowering Plum). 2 to 3 ft.	.50	4.00	35.00
3 to 4 ft.	.60	5.00	45.00
4 to 5 ft.	.90	7.50	.....
PRUNUS (Japanese Flowering Cherries).			
Autumnalis. 4 to 5 ft.	2.00	17.50	.....
5 to 6 ft.	2.25	20.00	.....
Amanogawa, Naden. 4 to 5 ft.	1.50	12.50	.....
5 to 6 ft.	1.75	15.00	.....
PRUNUS, Japanese Weeping Cherry, Double Pink Subhirtella Type. 5 to 6 ft. stems, 1-yr. heads.	3.00	27.50	.....
QUERCUS Macrocarpa (Mossycup Oak).			
6 to 8 ft.	1.75	15.00	.....
8 to 10 ft., 1 to 1 1/4 in. caliper.	2.00	17.50	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	2.50	22.50	.....
Palustris (Pin Oak).			
8 to 10 ft., 1 to 1 1/4 in. caliper.	2.25	20.00	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	2.50	22.50	.....
8 to 10 ft., 1 1/2 to 1 3/4 in. caliper.	2.75	25.00	.....
8 to 10 ft., 2 to 2 1/4 in. caliper.	3.25	.....	.....
Rubra (Red Oak). 8 to 10 ft., 1 to 1 1/4 in. caliper.	2.25	20.00	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	2.75	25.00	.....
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	3.25	30.00	.....
10 to 12 ft., 1 3/4 to 2 in. caliper.	3.50	32.50	.....
10 to 12 ft., 2 to 2 1/4 in. caliper.	4.00	37.50	.....
10 to 12 ft., 2 1/4 to 2 1/2 in. caliper.	4.50	42.50	.....
SALIX Babylonica (Babylon Weeping Willow).			
6 to 8 ft.	.75	6.50	60.00
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.00	9.00	.....
Vitellina Britzensis. 4 to 5 ft.	.30	2.50	.....
5 to 6 ft.	.40	3.00	.....
6 to 8 ft.	.50	4.00	.....
SORBUS Aucuparia (European Mountain Ash).			
6 to 8 ft.	1.50	12.50	.....
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.75	15.00	.....
TILIA Americana (American Linden).			
6 to 8 ft.	1.25	10.00	.....
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.35	12.50	.....
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	2.00	17.50	.....
Parvifolia (European Linden).			
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.50	12.50	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.75	15.00	.....
ULMUS Americana (American Elm).			
6 to 8 ft., 3/4 to 1 in. caliper.	.50	4.00	30.00
8 to 10 ft., 1 to 1 1/4 in. caliper.	.65	5.00	40.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	.75	6.00	50.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	.90	7.50	65.00
10 to 12 ft., 1 3/4 to 2 in. caliper.	1.15	9.00	75.00
10 to 12 ft., 2 to 2 1/4 in. caliper.	1.25	10.00	90.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper.	1.50	12.50	100.00
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper.	2.00	15.00	125.00
12 to 14 ft., 2 3/4 to 3 in. caliper.	2.50	20.00	175.00
12 to 14 ft., 3 to 3 1/2 in. caliper.	2.75	25.00	225.00
12 to 14 ft., 3 1/2 to 4 in. caliper.	4.00	37.50	350.00
14 to 16 ft., 4 to 4 1/2 in. caliper.	6.00	57.50	.....
4 1/2 to 5 in. caliper.	7.50	70.00	.....
Americana Molini (Moline Elms). 6 to 8 ft.	.75	6.50	60.00
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.00	9.00	80.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.25	11.50	100.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	1.50	14.00	125.00
10 to 12 ft., 1 3/4 to 2 in. caliper.	2.00	17.50	150.00
12 to 14 ft., 2 to 2 1/4 in. caliper.	2.25	20.00	175.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper.	2.75	25.00	225.00
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper.	3.25	30.00	250.00
12 to 14 ft., 2 3/4 to 3 in. caliper.	3.50	32.50	300.00
14 to 16 ft., 3 to 3 1/4 in. caliper.	4.00	37.50	.....
16 to 18 ft., 3 1/4 to 3 1/2 in. caliper.	4.75	45.00	.....
16 to 18 ft., 3 1/2 to 3 3/4 in. caliper.	5.75	55.00	.....
16 to 18 ft., 3 3/4 to 4 in. caliper.	6.50	60.00	.....
3 1/2 to 4 in. caliper, specimens.	10.00	.....	.....
4 to 4 1/2 in. caliper.	7.50	70.00	.....
4 to 4 1/2 in. caliper, specimens.	10.00	.....	.....
4 1/2 to 5 in. caliper.	12.50	.....	.....
Americana Urni (Vase-Shaped Elm). 6 to 8 ft.	.75	6.50	.....
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.00	9.00	80.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.25	11.50	100.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	1.50	14.00	125.00
10 to 12 ft., 1 3/4 to 2 in. caliper.	1.90	17.50	150.00
12 to 14 ft., 2 to 2 1/4 in. caliper.	2.25	20.00	175.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper.	2.50	22.50	200.00
14 to 16 ft., 2 1/2 to 2 3/4 in. caliper.	2.75	25.00	225.00
14 to 16 ft., 2 3/4 to 3 in. caliper.	3.00	27.50	250.00
3 to 3 1/4 in. caliper.	3.75	35.00	325.00
3 1/4 to 3 1/2 in. caliper.	4.50	42.50	.....
3 1/2 to 3 3/4 in. caliper.	5.25	50.00	.....
3 3/4 to 4 in. caliper, specimens.	10.00	.....	.....
4 to 4 1/2 in. caliper, specimens.	15.00	.....	.....
Pumila (Chinese Elm). 5 to 6 ft.	.50	4.00	35.00
6 to 8 ft.	.75	6.00	50.00
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.00	9.00	75.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.25	11.50	100.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	2.00	17.50	.....
10 to 12 ft., 1 3/4 to 2 in. caliper.	2.50	22.50	.....
10 to 12 ft., 2 to 2 1/4 in. caliper.	3.00	25.00	.....
10 to 12 ft., 2 1/4 to 2 1/2 in. caliper.	3.50	30.00	.....
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper.	4.00	35.00	.....
Write for prices on Elms in larger sizes.			
Pumila—Chinese Elm Hedging.			
18 to 24 in. seedling, not transplanted.	.50	3.50	.....
2 to 3-ft. seedling, not transplanted.	.75	5.00	.....



Lowest Prices We Have Ever Quoted on Baskets

The Baskets we illustrate on this page are mostly well known styles. We can make any kind of a basket for you with your specifications. Give us a trial order for a \$10.00 assortment of baskets

and we assure you that you will be delighted with Vaughan's quality and price. Our baskets are two-tone finish unless otherwise desired.

No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each
124/1 Sp.	3 1/2	10	25	\$0.60
124/2	4	12 1/2	28	.75
696/1	8 x 4 1/2		8	.80
696/2	10 x 5 1/2		9 1/2	.95
729/2	4	14	28	.85
729/3	6	17 1/2	32	1.35
733	13 1/2 x 5 1/4	7	21	1.00
793/3	6 3/4	17	37	1.25
822/1	8 1/2		16	.50
822/2	9 1/2		18	.60
822/3	11		21	.70
829/1	5 1/2	12	26 1/2	.80
829/2	5 1/2	17	32	1.10
859/1	5	11 1/2	28	.75
859/2	5 1/2	13	31	1.00
925	8 1/2 x 5	11	26	.85
953/1	9 1/2 x 7	11	26	1.00
953/2	12 1/2 x 7 1/2	13	31	1.25
943F	11 x 7 1/2	11	27	1.10
989/1	10 x 5 1/2	11 1/2	25	.95
989/2	11 x 5 1/2	13	29	1.25
991/1	10 x 5 1/2	21	41	1.50
991/2	10 1/2 x 7	23	48	1.75
1000/2	5 1/2	11 1/2	26	.85

No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each
1013/2	4 1/2	12	27	\$0.75
1023	3 1/2	6	20	.30
1024	3 1/2	7 1/2	21	.40
1027	6	10 1/2	27	.60
1057/1	5 3/4	13	32	.70
1057/2	7	15	33	.90
1057/3	8 1/2	19 1/2	41	1.25
1063/2	8 x 5	17 1/2	35	1.25
1063/1	8 x 5	13 1/2	30	1.00
1067/1	6	12 1/2	29	.75
1067/2	7	17	34	1.05
1068	10 x 5 1/2	13	30	1.20
1092/1	6 1/2 x 6 1/2	14 1/2	32	.85
1095/1	8 1/2 x 5 1/4	9 1/2	26	.65
1095/2	10 1/2 x 6	12 1/2	30	.90
1095/3	12 x 7 1/2	13 1/2	33	1.20
1095/4	13 x 9	14 1/2	35	1.60
1095/5	16 x 10 1/2	17 1/2	38	2.00
1093/2	7 1/2 x 7 1/2	13	32	.90
1093/3	8 x 8	15	36	1.05
1109	6 1/2	9	26 1/2	.55
153/1-3	8 1/2 x 11 1/2		Set of 3	1.25
7 1/2 Tiffany Vase }	24"	30"	42"	48"
7 Straight Vase }	\$2.00	\$2.90	\$3.30	\$4.00
Galvanized iron liner and weighted bottom.				

Insecticides and Fungicides

Add Postage According
to Weight and Zone
(See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on

the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

ANTROL ANT POWDER. Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Each, 15c; doz., \$1.20; carton of 24 \$2.40.

ANSUL FORMALDEHYDE DUST. Control "Damping off" of flower and vegetable seedlings. Price, 1 lb., 75c; 5 lbs., \$2.00; 25 lbs., \$5.50; 50 lbs., \$9.00.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of Illinois and New York.) Per box, 40c; smaller size, 25c; by mail, 5c extra.

APHINE. ½ pt., 40c; pt., 75c; 1 qt., \$1.10; 1 gal., \$3.00.

ARSENATE OF LEAD. (Dry.) For dusting and spraying. 1 lb., 30c; doz., \$2.82; case of 48 lbs., \$6.25; 100 lbs., \$11.50.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. Price, 1 lb., 80c; Doz., \$6.40; 10 lbs., \$3.35; 25 lbs., \$7.70; 50 lbs., \$14.70; 100 lbs., \$26.70.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 30c; doz., \$2.60; 4 lbs., 70c; case of 48 lbs., \$7.00.

CALO-GREEN. For control of neck rot or scab on gladioli. Per lb., \$2.45; 5 lbs. \$12.00. Write for price on larger quantities.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; ¼ lb., 25c. Doz., \$1.80.

CALCIUM ARSENATE. (Dry.) Lb., 30c; 4 lbs., 75c.

COPPER SULPHATE. Crystals. 10 lbs., \$1.50; 25 lbs., \$3.50; 100 lbs., \$12.50.

CUPROCID 54. Fungicide plant spray. Price per 3 lbs. bag, \$1.25.

CUPROCID RED COPPER OXIDE. Use for dusting seeds to insure germination and prevent damping off. May be used as a spray for mildew. 1 lb., 90c; 5 lbs., \$3.75; 20 lbs., \$12.00.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. (By express only.) ½ lb., doz., \$3.60; 1 lb., doz., \$6.00; 5 lbs., each, \$3.00. 4-oz. tins for ants, doz., \$2.40.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. (By express only.) 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00. Write for leaflet.

CYCLONOX. A practical spray for the control of red spider, dilutes 1 to 400. Price, qt., \$4.70; gal., \$16.85; 5 gal., \$78.00.

DERRISOL. Is an odorless non-poisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; doz., \$2.70; 8 oz., \$1.20; 2 lbs., \$3.00; 10 lbs., \$12.00.

DEVIL DUST or Rigid formerly Lutizite. The one dust that does triple duty. 1 lb. tins, ea., 50c; doz., \$4.20; 10 lb. tin, \$3.25; 25 lb. drum, \$7.00; 50 lb. drum, \$12.50; 100 lb. drum, \$24.00.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., \$4.80; gross, \$46.08.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; doz., \$2.70; 5 lbs., \$1.50; 12½ lbs., \$2.00; 100 lbs., \$10.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; doz., \$2.50; 5 lbs., 95c; 10 lbs., \$1.85.

FLOWERS OF SULPHUR. Dusting grade. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$2.25; 100 lbs., \$3.65.

FUME TOBAC. 25 lb. drum, \$5.00; 50 lb. drum, \$8.00; 100 lb. drum, \$15.00.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 60c; 1 qt., \$1.00; gal., \$3.00.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25.

GRASSLI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Price, pt., 75c; gal., \$4.75.

HELLEBORE POWDERED. White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.25; 10 lbs., \$4.00.

HITOX. Effective double action insecticide. Pint, \$1.75; qt., \$3.00; gal., \$9.00; 5 gals., \$40.00.

LEMON OIL. Destroys mealy bug, scale, red spider. ¼ pt., 30c; pt., 50c; qt., 75c; ½ gal., \$1.50; gal., \$2.50; 5 gals., \$10.00.

LETHANE-440. A very effective insecticide for controlling red spider and mealy bug. Qt., \$2.75; gal., \$7.00; 5 gals., \$30.00; 15 gals., \$82.50.

LETHANE SPREADER. Gal., \$1.80; 5 gal. can, \$8.50.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pint, \$2.00; gal., \$10.50; 5 gals. \$45.00

McCONNON 114Y SPRAY. Qt., \$2.50; gal., \$8.50; 5 gals., \$37.50; 10 gals., \$70.00.

NAPHTHALINE FLAKES. 10 lbs., \$1.35; 25 lbs., \$3.25.

NAPTOCID. New plant and bulb fumigant; effective against thrips, wood-lice, sow bugs, wire worms, etc. 5 lbs., \$1.35; 25 lbs., \$4.35; 50 lbs., \$7.25; 100 lbs., \$13.75.

"NICO-FUME." A Tobacco Paper for Fumigating. Strips of paper strongly saturated with Nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, \$1.25; 144 sheets, \$4.50; 288 sheets, \$8.00.

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent nicotine. 1 lb., \$2.25; 4 lbs., \$5.75; 8 lbs., \$10.00; 40 lbs., \$40.00.

NICO-ROTE. A combination of Nicotine and Rotenone. Kills by contact and fumes. Qt., \$4.00; gal., \$12.00.

NICOTINE. Fumigating powder. 10 lb. cans, \$5.85.

Items You Can Sell

Following popular insecticides are
priced in quantity for your use and
also in small package assortments
for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ACME ROTENONE Garden Guard. ¾% Rotenone dust. 1 lb. shaker top cans, doz., \$2.64; case of 24 \$5.04; 4 lbs. bags, 6 to a case, per case, \$2.28; 25 lb. bags, 9c lb.; 100 lb. bags, 8½c lb.

ANTROL ANT TRAPS. Kill both sweet and grease eating ants. Packed 12 in a display carton, retail at 15c each; carton of 12 traps, \$1.20.

ANTROL READY FILLED SETS Consisting of 4 patented glass feeders. Per doz. sets, \$3.20. Retail at 40c set. Packed in a strong display carton.

ANTROL SETS for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4 oz. bottle antrol syrup. Per doz. sets, \$6.00. Retail at 75c set.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Per doz. 3-oz. tubes, \$2.70. Retail at 35c per tube.

BLACK LEAF 40. Oz. bottles, doz., \$2.67; carton of 24, \$5.30; 5-oz. bottles, doz., \$8.00; 1 lb., \$2.00 ea.; 2 lbs., \$3.00 ea.; 5 lbs., \$5.75 ea.; 10 lbs., \$9.75 ea.

BUGGUN. A good seller for the retail counter. Complete with Rotenone dust. Each 35c. Packed 24 to the case, per case, \$5.60; size 2½ in. diam. by 12½ in. extended. Doz. \$3.00.

DAWG-GONE. Protects evergreens from dogs. Per doz. tubes, \$2.00. Retail at \$3.00.

MULTICIDE. Replaces New Evergreen. Killing power multiplied kills more insects, made especially for commercial growers, makes one spraying do the work of several. Qt., \$2.60; gal., \$9.90; 5 gal., \$44.50; 10 gals., \$86.00; 30-gal. drums at \$7.15 per gal.

NEW EVERGREEN ASSORTMENT. 1 oz. bottle, 35c; doz., \$2.70; 6 oz. bottle, \$1.00; doz., \$8.00; pint, \$2.00; gal., \$9.60; 5 gals., \$44.00.

NICOTINE PYROX. 10-oz. tins, doz., \$4.20; carton of 24, \$7.84; 5 lbs., \$1.50; case of 12, \$14.00; 10 lb. case of 6, \$12.00.

PYROTE. Double acting non-poisonous insect spray. 1 oz. bottles, 12 to a display carton price, \$2.75; 6 oz. bottles, 12 to a display carton price, \$8.00; gal. \$11.00.

RATKISSES. Put up on easel card holding 12-25c pkgs., containing 12 ratkisses each. Price, per card, \$2.00; six or more cards at \$1.80 per card.

RED ARROW Assortment for resale. Per carton of 24 oz. bottles and 2 ¼-pint bottles, price, \$5.40. Retail at \$10.40. Pint, \$2.50; qt., \$3.60; gal., \$10.70; case of 6 1 gal. cans, \$62.10.

ROTECID. Standard rotenone spray. Oz. bottles, doz., \$2.70; per pint, \$1.75; qt., \$3.00; gal., \$8.00; 5 gals., \$35.00; 15 gals., \$95.00.

SLUG SHOT. Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for \$1.95; 5-lb. pkgs., 6 for \$3.60; 125 lb. keg, \$12.50; 250 lbs. in bulk, \$24.00.

TREE TANGLEFOOT. 6 oz., doz., \$3.00; case of 24 cans \$5.60; 1-lb. cans, per doz., \$5.85; per case of 24, \$11.20; 5-lb. can, \$2.45; case of 6 \$13.20; 10 lbs., \$4.50 each; case of 4 cans, \$16.80; 25 lbs., \$9.50 each.

NICO FUME PRESSURE FUMIGATOR. Put up in ½ lb. and 1 lb. cans, powder is now burned under pressure giving better control of insects. The cans have a sparkler for lighting the powder. ½ lb. cans, 45c; six for \$2.40; Doz., \$4.20; 1 lb. cans, 75c; six for \$3.75; doz., \$7.00. Orders for 36 1 lb. cans or 60 ½ lb. cans prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5-lb. tin, \$3.35; 10-lb. tin, \$5.85.

NIKOTEN. 30% grade. For Spraying and Fumigating. Oz. bottle, 35c; Doz., \$2.50; ½ pt., \$1.00; pt., \$1.75; 3 pts., \$5.00; original case 10 pts.; \$16.00. 40% grade, 4 lbs., \$5.75; 8 lbs., \$10.00.

NU-GREEN. A remedy for brown patch control in creeping bent lawns. 3 oz., tins each, 35c; doz., \$2.80; carton of 36 tins, \$8.20; 1 lb. tins, each, \$1.45; doz., \$11.50; 5 lbs. each, \$6.30; case of 6 tins, \$28.20. Write for price on larger containers.

PARIS GREEN. A poisonous insecticide in powder form; for insects which chew. ¼ lb., 15c; Doz., \$1.50; per lb., 45c; doz. \$4.50; 5 lbs., \$1.85; 14 lbs., \$4.65.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., \$1.75; 5 gals., \$6.75.

POMO GREEN. Without nicotine. The new green Fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 50c; doz., \$4.00; 5 lbs., \$1.75; 25 lbs., \$8.00.

POMO GREEN. With nicotine. 1 lb., 75c; doz., \$6.00; 5 lbs., \$3.00.

PYRETHRUM POWDER. Per 1 lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.00; 25 lbs., \$12.95. Write for price on larger quantities.

RED-O-LEN. Bench powder. 10 lbs., \$3.00; 25 lbs., \$6.00; 100 lbs., \$21.00.

RESPIRATORS. For mild fumigating and dusting. Each \$1.75; 3 for \$4.95.

ROTOGREEN. Formula 106. Very effective for Thrip, Mite, Red Spider and Mealy Bug, in addition to the more easily controlled pests, does not burn and leaves no poisonous residue. Pint, \$1.75; qt., \$3.00; gal., \$10.00; 5 gals., \$40.00.

SELOCIDE. Kills red spiders. Gal., \$3.00; 5 gals., \$13.50; 10 gals., \$24.50; 30 gals., \$58.50; 50 gals., \$86.50.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Prices, 2 oz., 35c; Doz., \$2.80; 1 lb., \$2.25; 5 lbs., \$9.90; 25 lbs., \$45.50; 100 lbs., \$180.00. Write for leaflets, stating for what purpose desired.

Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL. New with metaldihyde. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price, 1 ½ lb., 35c; doz., \$2.80; 4 lbs., 85c; doz., \$6.80; 15 lbs., \$3.00; doz., \$24.00; 50 lbs., \$5.33.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 35c; 10 lbs., 65c; 25 lbs., \$1.00; 100 lbs., \$2.75.

SULPHUR FOR SPRAYING. Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. Price, 4 lbs., 50c; 100 lbs., \$8.00.

SULROTE. A combination dust sulphur and rotenone. 1 lb. canisters (24 per case), per doz., \$3.20.

TARTAR EMETIC. A spray for the control of Thrip, a life saver for gladioli growers. Price, 1 lb., 60c; 5 lbs., \$2.50; 25 lbs., \$11.50; 100 lbs., \$40.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 65c; qt., \$1.25; gal., \$4.80.

TOBACCO DUST. (Regular Grade.) 10 lbs., 50c; 25 lbs., 90c; 100 lbs., \$2.95.

TOBACCO STEMS. 100 lbs., \$2.50; 500 lbs., \$9.50; 1,000 lbs., \$18.00.

TRI-OGEN. Fungicide insecticide and plant stimulant. A small kit makes 16 qts., \$1.50. B, medium kit makes 64 qts., \$4.00. C, large kit makes 32 gallons, \$6.00. D, estate kit makes 128 gallons, \$20.00.

VERMINE. For eel, cut worms and wire worms, working in the soil. Can be applied to all vegetation. ½ pt., 40c; pt., 75c; qt., \$1.10; gal., \$3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Qt., 75c; gal., \$2.00; 5 gals., \$6.25; 14 gal. drum \$14.00; 28 gal. drum \$25.00; 54 gal. drum, \$43.00.

WILSON'S O. K. PLANT SPRAY. Price, qt., \$1.00; gal., \$3.00; 5 gals. for \$12.00.

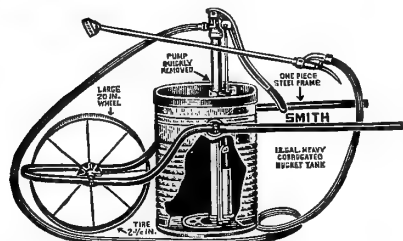
Sprayers and Dusters



SMITH'S LIGHTNING SPRAYER.
A durable low priced sprayer, has a funnel top, made of heavy steel or solid brass, tank as illustrated. 3½ gallon capacity. Price, Galvanized, \$3.75; Brass, \$6.95.

BROWN'S NEW OPEN-HED. Tank heavy steel or brass copper alloy, 4-gal. capacity guaranteed for 100 lbs. pressure.

Electrically welded seams double acting pump lock, tank opening is five inches in diameter; has a rubber double grip pump handle and swivel nozzle which can be adjusted to any angle, price complete as illustrated. Galvanized tank, \$6.25; Copper, \$8.95.



WHEELBARROW SPRAYER. Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or white wash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, \$17.50. Shipping weight, 65 lbs. Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, \$27.95; with Pneumatic tire, \$34.95.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price complete, \$10.95.

Paragon Wheelbarrow Sprayer. Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheel barrow type truck. Complete with hose, rod and nozzles. Price, \$19.50.

Paragon Power Sprayer. Complete with gas engine or electric motor hose nozzle and fittings. Price \$210.00. Write for leaflet on this sprayer.

BLIZZARD COPPER CONTINUOUS SPRAYER.

Very durable, seamless brass pump, solid copper quart tank with adjustable nozzle for straight and underleaf spraying. Each, \$1.85; six for \$8.00.



SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.

We Are General Western Agents. None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Large size, plain top, No. 1, 6-in. high, each, \$1.25; 3 for \$3.45; doz., \$12.00.

SMITH FLAME GUN

4 gal. heavy all-welded not riveted or soldered) corrugated fuel and air tank tested to 100 lbs., burns kerosene, range oil, stove or light furnace oil. Price complete, \$15.00 (weight 17 lbs.).

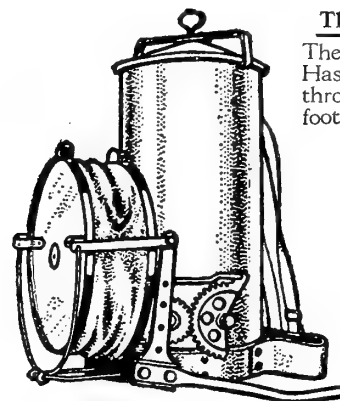


SYRINGES, BRASS. No. "0". Length 12½ in.; diameter 15/16-inch. Ea., \$2.50. No. 11. Length 18 inches, 1 stream, 2 sprays, \$6.25.



No. 5. Best for general green house use, \$7.00.

SPRAYERS AND DUSTERS—Continued



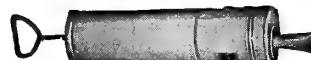
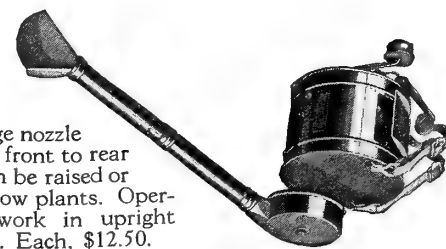
The American Beauty Duster.

The most powerful hand duster made. Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, \$20.00. Write for leaflet on the American Beauty Dust Sprayer.

CHALLENGE DUST

GUN. For Dusting Lutzite, Devil Dust, etc. Adjustable to all conditions.

Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Each, \$12.50.



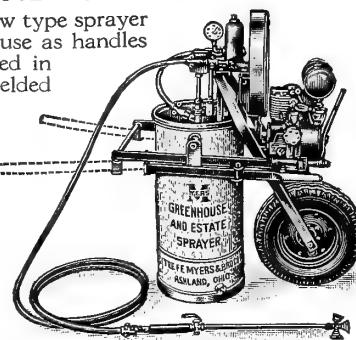
FEENEY MODEL B DUSTER.

Each, 75c; doz., \$6.60.

MYERS GREENHOUSE POWER SPRAYER

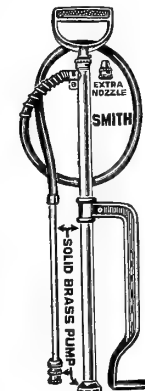
Power operated, wheelbarrow type sprayer recommended for greenhouse use as handles may be folded back, or reversed in narrow aisles. All steel welded frame, 12½ gal. galvanized tank, porcelain lined pump 225 lbs. pressure; ¼ H. P. motor or ½ H. P. gas engine. 15 ft. ¾" hose, shutoff and nozzle, 18 ft. pipe extension. Motor driven with 50 ft. of Cord and Plug, Steel wheel, Fig. 3061, \$78.00.

Motor driven with 50 ft. Cord and Plug, Rubber Tire \$88.00.



Engine Driven, Steel Wheel \$100.00
Engine Driven, Rubber Tire. Fig. 3062 110.00

The Kinney. Used for spraying liquid manures. Worked by Water pressure. Nickled iron. Construction simple. Ea., \$2.75.



STURDY PUMP

Perfection Sprayer. Funnel top tank is made of heavier metal than used for similar sprayers, while the valve and pump are very well made. The hose is attached at such an angle that it will not kink. Unexcelled for White-wash, Water, Paints, Insecticides.

Galvanized steel, \$6.50; solid brass, \$9.35.

Sturdy Bucket Pump. Excellent for use in gardens, greenhouses and orchards, also for whitewashing and spraying poultry houses. Price, without pail, \$3.75.



PERFECTION

Write for leaflet and price list on Hardie Greenhouse Special Power Sprayer.

Florists' Wire Designs

F. O. B. NEW YORK
New York Terms Net
No Packing Charges

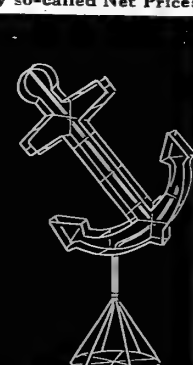
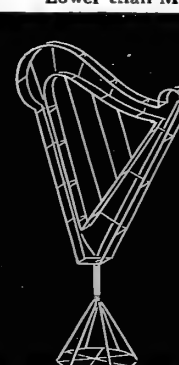
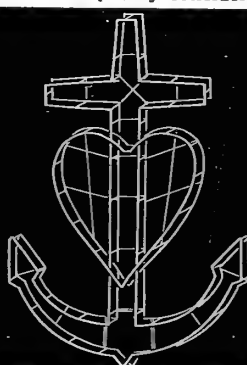
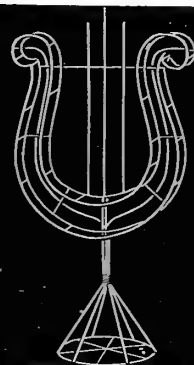
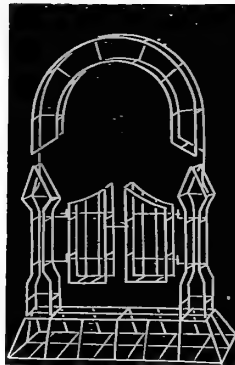
Many other and odd designs can be made and supplied on short notice, but they are made entirely at the risk of the buyer as to correctness; we accept orders on no other basis. Large Discount if you order big. Send us your list for estimate. We meet all honest competition on these goods, quality considered.

F. O. B. CHICAGO

DISCOUNTS:

5%	on orders of \$10.00 or over
10%	on orders of 20.00 or over
15%	on orders of 40.00 or over
20%	on orders of 75.00 or over

Compare These Prices. They are Much Lower than Many so-called Net Prices.



GATES AJAR

Inch	Price	Inch	Price
10...	\$0 20	20...	\$0 50
12...	25	22...	55
14...	30	24...	60
16...	35	27...	70
18...	45	30...	90
		36...	1 05

Inch	Price	Inch	Price
12...	45	22...	95
14...	55	24...	1 10
16...	65	27...	1 25
18...	75	30...	1 50
20...	85	36...	2 00

Inch	Price	Inch	Price
12...	45	20...	75
14...	50	24...	85
16...	55	27...	1 15
18...	65	30...	1 35
		36...	1 75

Inch	Price	Inch	Price
10...	20	20...	45
12...	25	22...	50
14...	30	24...	60
16...	35	27...	70
18...	40	30...	90
		36...	1 25

Inch	Price	Inch	Price
5...	18	9...	40
6...	20	10...	50
7...	25	11...	75
8...	35	12...	1 00

Inch	Price	Inch	Price
8...	2 10	16...	4 00
10...	2 25	18...	5 00
12...	2 60	20...	6 00
14...	3 00	24...	9 00
		30...	10 00
		36...	12 00

Inch	Price	Inch	Price
8...	2 75	16...	5 75
10...	3 25	18...	7 50
12...	3 50	20...	8 50
14...	4 50	22...	10 00
		24...	12 00

Inch	Price	Inch	Price
8...	each 25	15...	each 60
10...	30	18...	80
12...	40	21...	1 15

Inch	Price	Inch	Price
10...	60	15...	1 00
12...	75	18...	1 35
		21...	1 75

Inch	Price	Inch	Price
15...	65	27...	1 50
18...	75	30...	1 50
20...	1 00	33...	1 50
24...	1 25	36...	3 00

Inch	Price	Inch	Price
15...	85	27...	2 25
18...	1 10	30...	2 50
21...	1 40	33...	3 25
24...	1 75	36...	3 75

Inch	Price	Inch	Price
15...	80	27...	2 35
18...	1 20	30...	2 75
21...	1 50	33...	3 50
24...	1 85	36...	4 50

Inch	Price	Inch	Price
12...	24	24...	60
15...	30	27...	80
18...	35	30...	85
21...	45	33...	1 00
		36...	1 25

Inch	Price	Inch	Price
10...	15	16...	28
12...	18	18...	35
14...	23	21...	50
		24...	70

Inch	Price	Inch	Price
10...	35	16...	70
12...	45	18...	85
14...	55	21...	1 00
		24...	1 25

LYRE ON BASE

Inch	Price	Inch	Price
10...	\$0 15	21...	\$0 50
12...	18	24...	60
14...	25	27...	85
16...	30	30...	1 15
18...	35	36...	1 40

Inch	Price	Inch	Price
10...	50	21...	1 15
12...	60	24...	1 50
14...	70	27...	2 00
16...	80	30...	2 30
18...	90	33...	3 50
		36...	4 00

Inch	Price	Inch	Price
10...	25	21...	70
12...	30	24...	90
14...	35	27...	1 50
16...	40	30...	1 75
18...	55	33...	2 55
		36...	3 00

Inch	Price	Inch	Price
10...	06	27...	30
12...	08	33...	50
14...	09	36...	75
16...	12	42...	1 25
18...	15	45...	1 50
20...	18	48...	1 75
22...	21	54...	2 00
24...	25	60...	2 50

Inch	Price	Inch	Price
10...	20	27...	85
12...	25	30...	1 00
14...	30	33...	1 25
16...	35	36...	1 50
18...	40	42...	2 00
20...	45	48...	3 00
22...	55	60...	5 00

Inch	Price	Inch	Price
10...	20	18...	40
12...	25	20...	50
14...	30	22...	60
16...	35	24...	85
18...	40	28...	1 25

Inch	Price	Inch	Price
12...	18	24...	55
14...	20	27...	65
16...	25	30...	80
18...	30	33...	1 00
20...	35	36...	1 25
22...	40		

Inch	Price	Inch	Price
15...	1 00	21...	1 50
18...	1 25	24...	1 75
21...	1 50	27...	2 25
24...	1 75	30...	3 00

Inch	Price	Inch	Price
15 Base...	85	18 Base...	1 25
18 " 1 00		24 " 1 50	

Inch	Price	Inch	Price
15 Base...	1 25	27 Base...	2 40
18 " 1 40		30 " 3 00	
21 " 1 65		33 " 4 00	
24 " 1 90		36 " 5 00	

Inch	Price	Inch	Price
12...	\$0 30	24...	\$0 70
15...	35	27...	1 00
18...	45	30...	1 00
21...	60	36...	1 35

Inch	Price	Inch	Price
12...	50	24...	1 25
15...	60	27...	1 50
18...	80	30...	1 75
21...	90	36...	2 00

Inch	Price	Inch	Price
12...	45	24...	90
15...	50	27...	1 00
18...	60	30...	1 25
21...	80	36...	1 75

Inch	Price	Inch	Price
12...	45	24...	90
15...	50	27...	1 00
18...	60	30...	1 25
21...	80	36...	1 75

FAITH, HOPE AND CHARITY

Inch	Price	Inch	Price
8...	12	18...	35
10...	15	20...	45
12...	18	22...	55
14...	20	24...	70
16...	25	27...	1 00
		30...	1 35

Inch	Price	Inch	Price
8...	35	16...	70
10...	45	18...	85
12...	50	20...	1 00
14...	60	22...	1 25
		24...	1 50

Inch	Price	Inch	Price
10...	30	18...	75
12...	40	20...	1 00
14...	45	22...	1 35
16...	55	24...	1 65

Inch	Price	Inch	Price
10...	25	18...	60
12...	35	21...	75
14...	40	24...	95
16...	50	27...	1 20
		30...	1 80

Inch	Price	Inch	Price
10...	50	18...	1 10
12...	60	21...	1 40
14...	70	24...	1 75
16...	85	27...	2 15

Inch	Price	Inch	Price
10...	35	18...	90
12...	45	21...	1 15
14...	55	24...	1 50
16...	65	27...	2 00
		30...	2 50

Inch	Price	Inch	Price
12...	20	24...	80
14...	25	30...	1 25
16...	30	36...	1 75
18...	40	48...	3 50
21...	50		

Inch	Price	Inch	Price
21...	2 00	24...	2 50

Inch	Price	Inch	Price
18...	1 50	30...	3 50
24...	2 25		

Inch	Price	Inch	Price
14...	60	27...	1 75
16...	75	30...	2 00
18...	1 00	33...	2 50
21...	1 25	36...	2 85
24...	1 50		

Inch	Price	Inch	Price
14...	65	27...	1 85
16...	75	30...	2 15
18...	1 00	33...	2 50
21...	1 35	36...	3 00
24...	1 60		

Inch	Price	Inch	Price
12...	\$0 60	24...	\$1 75
14...	70	27...	2 25
16...	75	30...	2 75
18...	90	33...	3 50
21...	1 25	36...	4 00
24...	1 50		

Inch	Price	Inch	Price
18...	60	18...	1 00
21...	70	21...	1 10
24...	80	24...	1 25

Inch	Price	Inch	Price
12...	25	24...	60
14...	35	30...	80
16...	45	36...	1 25
18...	55	42...	1 75
21...	65	48...	3 50

STAR ON BASE

Inch	Price	Inch	Price
6...	10	18...	35
8...	12	21...	45
10...	15	24...	60
12...	20	27...	1 00
14...	25	30...	1 25
16...	30		

Inch	Price	Inch	Price
10...	\$0 18	18...	\$0 35
12...	20	21...	50
14...	25	24...	65
16...	30	27...	95

Inch	Price	Inch	Price
10...	25	18...	60
12...	35	21...	75
14...	40	24...	95
16...	50	27...	1 20
		30...	1 80

Inch	Price	Inch	Price
10...	50	18...	1 10
12...	60	21...	1 40
14...	70	24...	1 75
16...	85	27...	2 15

Inch	Price	Inch	Price
10...	35	18...	90
12...	45	21...	1 15
14...	55	24...	1 50
16...	65	27...	2 00
		30...	2 50

Inch	Price	Inch	Price
12...	20	24...	80
14...	25	30...	1 25
16...	30	36...	1 75
18...	40	48...	3 50
21...	50		

Spray Bars			
3 1/2 ins. wide,	2 ins. thick		
Length Each	Length Each		

Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.



Radiance

Pattern 1900, No. 5 Radiance Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, 85c. Box of 20 spools at 80c spool.

Novelty Tinsel Pot Tie Ribbon. Brilliant metallic colors which lend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width $\frac{3}{4}$ -inch. Per bolt, 50c; 10 bolts for \$4.75.

Picot Edge White Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, 65c; 10 spools for \$5.50.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60c; doz. \$6.00.

Tinsel Ribbon. One inch wide, a rich pot tie ribbon also used for making bows for baskets and wreath work. In gold, silver or green or red gold, 50-yd. spool, \$1.25; 10 spools, \$11.50.

Plain 3-Stripe Imported French Chiffon.

Superior quality in all popular shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 5c; 6-inch, per yard, 6 $\frac{1}{2}$ c; in 6-bolt lots, 6c per yard.



Dotted Chiffons, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 6-inch, per yard, 7 $\frac{1}{2}$ c.

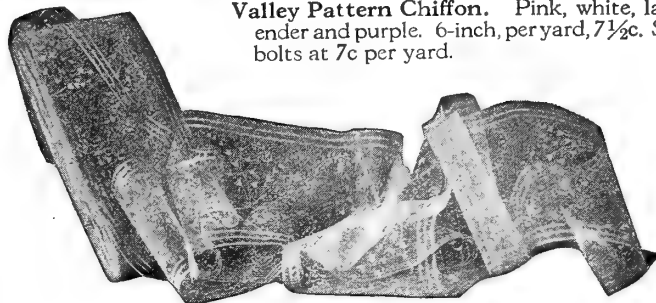
Corsage Pins. Pearl heads, finest made, assorted colors. Per gross, \$1.25.

Corsage Ties (Cord and Tassels). Per doz., 65c; per gross, \$6.50.

Metaline. This ribbon has a bright metallic lustre with striped edges, width $5\frac{1}{2}$ inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, \$1.20; ten bolts, \$11.50.

Ribbonzene Crinkle Baby Ribbon No. 1. For tying cards. All colors. 500-yard spool, 90c; doz. spools, \$10.20.

Valley Pattern Chiffon. Pink, white, lavender and purple. 6-inch, per yard, 7 $\frac{1}{2}$ c. Six bolts at 7c per yard.



Special Metaline. Approximately 5 inches wide. A popular number for use on low priced work, all shades. 40-yd. bolts, per bolt 90c; 10 bolts for \$8.50.

Rubberized Shoulder Shields. Per doz., 75c; gross, \$7.00.

Feathers. Heavy plumage, uniform size, in all pastel shades. Put up in packages 25 of one color. We do not break packages. Price per package, 75c; 100 for \$2.50.

Corsage Shields, Shoulder or Wrist Shields. Chiffon edge. Per doz., \$1.25; per gross, \$12.50.

Waist Shields. Chiffon edge. Corsage large, medium and small. Per doz., \$1.50; per gross, \$15.00.

The Jardier For Potted Plants

Jardier Pot Covers. Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinieres. Save time and labor over other methods of trim.

JARDIER VASES

Standard Colors—Green—Lavender—With Duo-Tone Finish.



Colonial

THE COLONIAL

Standard Colors—Green with Duo-Tone Finish.

Special Colors—White with Gold Trim.

9 ins. high, 3 ins. in diameter, \$12.00 per 100; 60 per carton.

12 ins. high, 4 ins. in diameter, \$20.00 per 100; 32 per carton.

15 ins. high, 6 ins. in diameter, \$35.00 per 100; 13 per carton.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for short stemmed flowers.

JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery — Stucco Effect



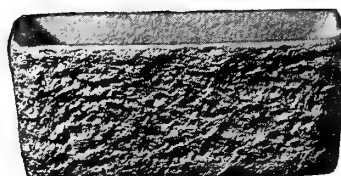
Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 4.....	5 $\frac{1}{4}$ ins.	100	\$ 8.00
No. 5.....	6 $\frac{1}{4}$ ins.	80	10.00
No. 6.....	7 $\frac{1}{4}$ ins.	50	13.00
No. 7.....	8 $\frac{1}{4}$ ins.	35	20.00

(EXAMPLE: Use No. 6 Jardier for a 6 in. Pot.)

JARDIER BULB BOX

No. 3 (or 3 in 1)—To hold three 3" Clay Pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4 $\frac{1}{2}$ inches high, \$20.00 per 100, packed 50 per carton.

THE JARDIER BULB BOX



No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-

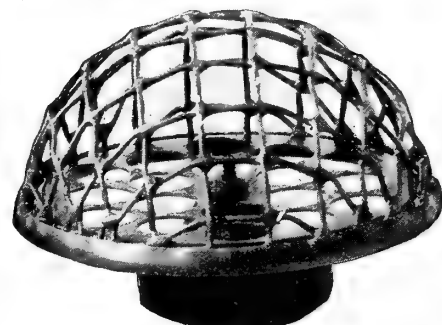
aerating—same as Jardier Vases—stimulating plant growth.

No. 4—12 in. long—5 in. wide—4 $\frac{1}{2}$ in. deep. \$20.00 per 100—50 per carton.

Standard Color—Green Special Color—White with Gold Trim.

SUCTION FLOWER HOLDERS

Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.



Diameter	Per Doz.
3-inch.....	\$3.00
4-inch.....	4.00
5-inch.....	5.00

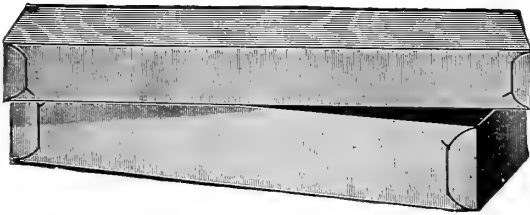
Supplies for the Florist Shop

CUT-FLOWER BOXES

Printing any single color. Per 1,000, \$2.75.

Printing gold or silver. Per 1,000, \$4.00.

When ordering printed boxes, allow a week or ten days extra for delivery.



VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Per 25	Weight	Per 100	Size in inches	Per 25	Weight	Per 100
18 x 5x3	\$1.20	35 lbs.	\$3.50	5x24x8	\$2.50	70 lbs.	\$7.40
3 x 21x5	1.35	40 lbs.	3.90	5x28x8	2.60	90 lbs.	7.65
3 1/2 x 24x5	1.50	50 lbs.	4.35	5x36x8	3.35	125 lbs.	10.20
3 1/2 x 30x5	1.80	65 lbs.	5.35	5x42x8	4.25	165 lbs.	14.50

FLORAL DESIGN BOXES. Mist gray. Full telescope.

No.	Size	Per 25	Per 100	No.	Size	Per 25	Per 100
No. 25.	6x30x12	\$4.85	\$15.95	No. 27.	8x20x20	\$6.00	\$21.00
No. 26.	8x36x14	7.25	23.95	No. 28.	8x24x24	7.00	24.50

Packed 25 complete per bundle.

CORSAGE BOXES. Mist Gray. Shallow lid, mist gray.

Size	Per 25	Per 100	Size	Per 25	Per 100
8x5x4	\$1.05	\$3.15	12x8x5 1/2	\$1.70	\$5.00
10x6x5 1/2	1.40	4.15			

Write for Special Discounts on quantity orders.



FLORAFOIL. Colored aluminum foil used for pot covers, etc. Rolls 20 inches wide. Colors violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, black and blue. Per 50-ft. roll, \$1.35; six rolls for \$7.80.

SATINET. The aristocrat of the florist foils. A smooth lustre—a soft as satin finish—a full range of colors, carefully chosen to blend harmoniously with Easter and spring flowers. Comes in rolls 50 feet long, 20 inches wide. It can be used effectively on corsages, on larger floral pieces, to wrap basket handles, and in many other ways. Satinet is available in Orchid, Sky Blue, Nile Green, Pink, Purple, Red, Green, Gold, Fuchsia and Silver Blue. Per roll, \$1.35; 6 rolls for \$7.80.

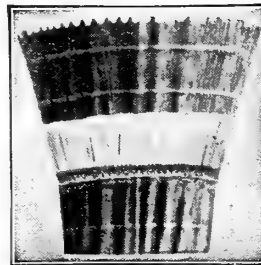


Floralife

Helps flowers live longer. In handy display cartons. Price, carton of 100 pkgs., \$5.00, your selling price, 10c per pkg.

New Handy Seeder

This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 40c, postpaid; three for \$1.00.



STICK-TO-IT POT COVERS. Made of waterproof crepe paper with elastic band around same. These pot covers come already pleated with a crepe ruffle around center, giving a pot tie effect. Moss green.

	Doz.	100
5-in.	\$0.85	\$ 6.00
6-in.	1.10	7.50
7-in.	1.35	9.00
8-in.	1.50	10.50

Paper—Tissue, Wax

Prices on Paper Subject to Market Changes.

Pure White Glazed Florist Tissue. The best grade white glazed 11 lb. basis. 24x36 inches, f. o. b. Chicago, ream (480 sheets), 95c; 10 reams (4,800 sheets), \$9.00; f. o. b. New York, ream (480 sheets), \$1.40; 10 reams (4,800 sheets), \$11.00.

White Wax. Medium, 24x36 inches; f. o. b. Chicago, 400 sheets, \$1.50; f. o. b. New York, 480 sheets, \$1.75.

Green Wax. Beautiful shade light green, 24x36 inches, f. o. b. Chicago, 400 sheets, \$1.65; 10 reams for \$15.50. f. o. b. New York, 480 sheets, \$2.00.

Green Wax Wreath Rolls. Used for wrapping mossed wreaths and wire designs. 3-inch rolls; a time-saver and no waste. Per box of 12 rolls, \$1.85; 3 boxes for \$5.25.

Green Wax on Rolls. 24-inch width approximate weight per roll, 48 lbs.; per lb., 21c.



Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 27c; per doz., \$3.20; 25 rolls, \$6.25; 100 rolls, \$24.95.

Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 6 1/2c; green Kraft plain, any size roll, per lb., 8c.

PAPER CUTTERS. 24, 30 and 36-inch. Price, complete, \$2.75; extra heavy cutters 48 inch, each, \$10.50; 60 inch, each, \$12.50.



Paper Cutter



MATS, Imported Japanese Chip. Used for decorating all blooming plants. Assorted colors, plain and two-tone, per 100, \$3.95; 500 for \$18.75; 1,000, \$35.00.

Greenhouse and Florists' Supplies

Prices quoted in this catalog are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

APRONS, RUBBER. These are especially made for us of the best quality sheeting, pliable and durable and extra long. Each, \$1.75; 3 for \$4.75. Postage, 20c each, extra.

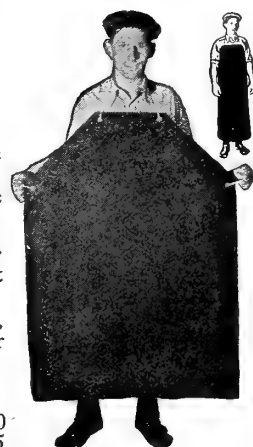
BLOOMTINT. For coloring cut flowers. We can supply all standard shades. Large jar, per jar 75c; 6 jars, assorted colors, \$4.00. Assortment of 10 small jars, one of each shade, for \$1.80.

CABINET AND CARD ASSORTMENT. 1,000 assorted cards and Cedar Cabinet with hinged glass cover, \$7.25. Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

CARDS WITHOUT CABINET.

250 assorted at \$1.25 | 1000 assorted at \$3.50
500 " " 2.00 | 2000 " " 6.75

WHITE ENVELOPES, PLAIN. Size 2½x4¼", packed 250 to a box. 250 for 50c, 500 for 85c, 1,000 for \$1.50.

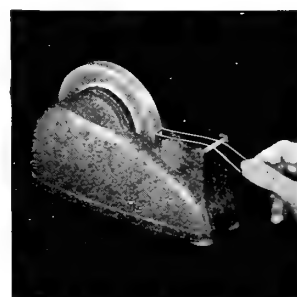


RUBBER APRONS

SCOTCH CELLULOSE TAPE DISPENSER. Heavy duty, each, \$1.40; weight, 8 lbs.

TAPE TRANSPARENT

No. of Rolls	1 to 11	12 Rolls
Width per Box	Rolls	or More
¼-inch	4	\$0.85 each \$0.82 ea.
½-inch	2	1.10 each .99 ea.



DOVES, Vaughan's Flexible. Pure white.

First Quality, Green Label. Each, \$1.25; doz., \$14.40.

Medium Quality, Red Label. Each, \$1.75.

Extra Quality Birds, Blue Label. Ea., \$2.00.



LETTERS AND FIGURES

BOSTON SCRIPT. Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4½c.

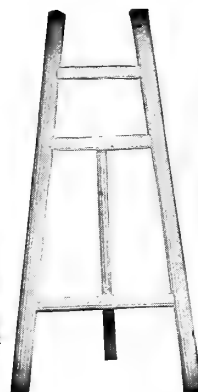
GOLD SCRIPT WORDS. Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 20c; per 100 words, \$1.75; per 1,000 words, \$15.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1¼-in. Per 100, 25c; per 1,000, \$2.00.

WOOD EASELS

Strong, well made, finished in white, green and lavender.

Height	Ea.	Per Doz.	Height	Ea.	Per Doz.
36-inch	.33c	\$3.60	54-inch	.50c	\$5.40
42-inch	.37c	4.20	60-inch	.55c	6.00
48-inch	.45c	4.80	66-inch	.60c	6.50



NEVA-CLOG STAPLING PLIERS

Florists Save Time and Make Money with Wide-Jaw Neva-Clog Stapling Pliers

Florists' Model F100

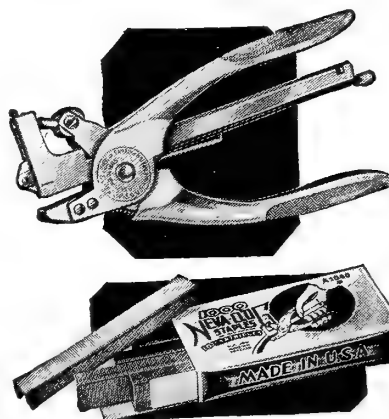
For wrapping plants and cut flowers, making up corsages, wreaths and light baskets, making paper flower pot covers, attaching delivery tags to plants and flowers, for sealing seed and bulb envelopes and 101 other uses. Has ¾-inch jaw and uses ¼-inch and ⅝-inch staples as listed elsewhere on this page. Price, each, \$3.75.



STAPLES.

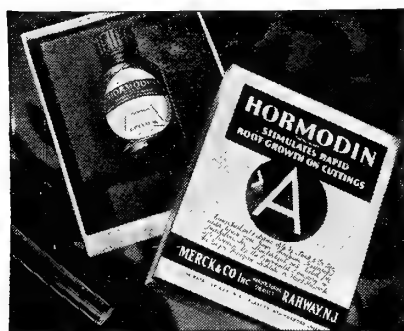
All Neva-Clog staples are sharpened at the points to make easy penetration of material. The forming is perfect and the cohering very strong to prevent strips breaking upon being handled at high speed by workman. Both lengths are 100 to a strip, ⅞-inch crown, 1000 to a box.

A—1000 ¼-inch legs.
Per 1000, 35c
L—1000 ⅝-inch legs.
Per 1000, 35c
10,000 lots, per 1000, 30c
25,000 lots, per 1000, 27c
50,000 lots, per 1000, 25c



HORMODIN The Root-Forming Chemical

A higher percentage of successfully rooted cuttings is assured through the simple, low cost Hormodin treatment. Write for Leaflet. Prices f. o. b. shipping point. Hormodin is available. Treatment consists in immersing the basal ends of cuttings in a solution of Hormodin of recommended strength for from 4 to 48 hours, according to directions. Cuttings so treated root quicker and have more growing roots.



Size of Pkgs.	Price
in B. T. I.	per
Units	Package
20	.50
60	1.00
240	2.50
480	4.50
960	8.00

All Postpaid.

HORMODIN POWDER. Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., \$6.00.

No. 1 Powder 1½ oz. tin, each, 50c; lb., \$3.00.
No. 2 Powder 1½ oz. tin, each, 75c; lb., \$4.50.

No. 3 Powder 1 oz. tin, each, \$1.00; lb., \$4.50.

ROOTONE

PATENTS PENDING

A hormone powder easy to use, anyone can apply safely, no skill is needed to apply Rootone no measurements, no vials, no elaborate charts to follow, just dip and plant. Price, ¼ oz. pkg., 25c; doz., \$2.00; 2 oz. jar enough to treat 3,000 cuttings, \$1.00; 1 lb. jar will treat up to 30,000 cuttings, \$5.00. Write for leaflet all postpaid.

Glazing Tools

ALL THE BEST MATERIALS FOR GREENHOUSE USE



MASTICA, For Glazing

Greenhouses. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass easily removed and replaced by new without

breakage of other glass which usually occurs with hard putty. One gallon will cover about 290 running feet (one side). Price, per gal., \$2.45; 5 gals., \$11.75; 10 gals., \$23.00.



MASTICA MACHINE—Each, \$3.00. **PUTTY BULB** **GARLANITE.** The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60 gal. drums, \$2.30 per gal.; kegs, 10 and 20 gals., \$2.35 per gal.; 5 gal. kegs, \$2.60 per gal.; gal. cans, \$2.65.

MOUNT BEACON. Dark green shading for greenhouses. 1 gal., \$2.75; 5 gals., \$13.00.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at \$1.00 a gal.; 10 and 5-gal. drums at \$1.30 a gal.; one-gallon can, \$1.50.

MODEL "O" SAFETY GLAZING GUN. Gratis with 40 or 60-gal. drum of glazing cement. Each, \$4.65.

GLAZING PUTTY, Twemlow's Old English. Five gallons will glaze a house 100x20 feet. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal., \$2.50; 5 gals., \$12.25; 10 gals., \$24.00.

PAINT, Vaughan's Greenhouse White. This is a full oil paint, has good lustre and body and not liable to peel off or crack. Per gal., \$2.95; 5 gals., \$14.00; bbl. at \$2.65 gal.

CLAMP, Peerless Repair.

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, \$1.25. Five boxes for \$6.00.



TROJAN ROLLER TYPE GLASS CUTTER.

Doz., \$1.80; each, 20c.



PUTTY KNIFE, No. 120. A very good tool. Each, 40c; 3 for \$1.10.

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.35; 3 for \$3.75; doz., \$13.00.

GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

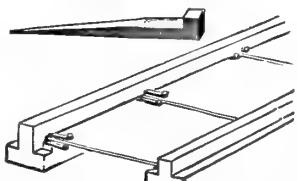
No. 2. For large single thick glass. No. 2½. Double thick, for greenhouses and skylights.

No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2½. Per lb. (about 800), 55c; 5 lbs. at 50c per lb.

Write for prices in larger quantities.

SIEBERT'S IMPROVED.

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, ⅝ and ⅜-inch long, put up in 1 pound packages. Over 1,500 points in 1-lb. pkg. of ⅝ in.; over 1,000 points in 1-lb. pkg. of ⅜ in. Price: per lb., 50c; 5 lbs., \$2.25; 20 lbs., \$8.00.



VAUGHAN'S PERFECTION POINT
SIZE 2½
SIZE 2

Thermometers

THERMOMETERS. 8-in., accurate black tin case thermometer, black lithographed scale, red permacolor tubes, each, 30c; doz., \$2.25; 3 doz., \$6.50.

Tin Case. Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$1.00; 3 for \$2.75; doz., \$10.00.

Cabinet. Wood case; metal face. 8-in., cabinet thermometer, black metal scale, wood back, easy reading red permacolor tubes; each, 50c; 3 for \$1.25.

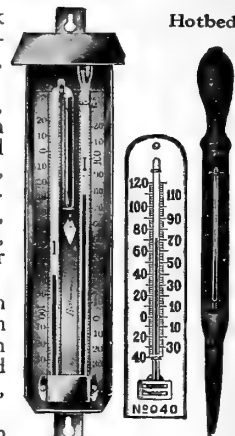
Self-Registering Tycos. No. 5452, with magnet. 10-in. Maximum and minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, \$5.95. Three for \$16.95.

Self Registering. No. 5454, complete with magnet for setting. Each, \$4.00. Three for \$11.55.

Minimum. For registering cold during absence and showing present temperature. 10-in., guaranteed accurate, each, \$2.75.

Hotbed (Mushrooms). Brass point, wood frame. 18-in. Hotbed or soil thermometer, guaranteed accurate, each, \$2.75.

No. 40. Greenhouse. White porcelain steel frame enameled. Black scale and figures, range 60 to 120 degrees, nonfading red spirit magnifying lens tube. Each, 50c; doz., \$4.50.



Self Registering No. 40

SPECIAL THERMOMETER

6 inch White Thermometer registers from 40 below to 120 above; easy reading non-fading red spirit tube. Each, 30c; doz., \$2.75; three doz., \$7.50.

PRACTICAL 24-HOUR RECORDING INSTRUMENT

Accurate, reliable, automatic records at very low cost. A guarantee card goes with every instrument. Gives complete protection for greenhouses, refrigerators, etc.

Three models for various temperature ranges.

Model A36, measures from 30° to 60° F.

Model B105, measures from 10° to 50° F.

Model B410, measures from 40° to 100° F.

Price all models, each, \$18.00.

Write for descriptive pamphlet.

Charts, 100 for \$1.50.

Ink, special non-clogging, per bottle, 25c.

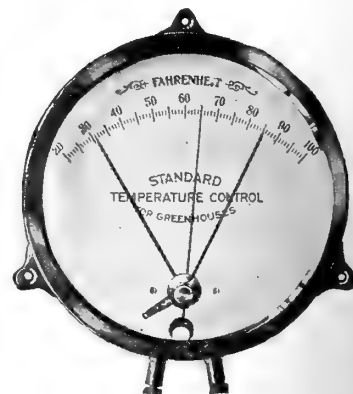
Standard Recording Thermometer No. 200. Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, \$35.00.

Standard Greenhouse Thermostat No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, \$15.00. Shipping weight, 4 lbs.

Standard Greenhouse Thermostat No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, \$10. Shipping weight, 2 lbs.

Prices do not include wire, batteries or bell.

SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from ⅛ to ½ inch. Each, \$2.25. Three for \$6.00.



Hot Bed Supplies

SASH, Hotbed. Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, \$2.25; 3 for \$6.50; doz., \$24.00. Glazed, double strength, each, \$4.75; doz., \$52.80.

Our sash are made of clear air-dried cypress. Unglazed sash are not painted. Glazed sash are painted one coat. 40c crating charge when less than four glazed sash are ordered.

Write for prices and samples on paraseptic and parachrys shading cloth, sterilizing blanket. A rubberized fabric for shading mums and other plants.



CELL-O-GLASS. Will take the place of glass in hot bed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass nor tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$8.50; 100-ft. roll, \$32.40. 28-inches wide, 100 ft. roll, \$24.75.

WINDOW FABRIC. Vio-Ray. The most popular glass substitute; transparent, waterproof and weatherproof, it costs much less than glass and for many purposes is superior. Any one can put it up. 36 inches wide; put up in 25, 50 and 100-yd. rolls. Per yd., 20c.

MILO WATERPROOF HOTBED MATS.

A combination of heavyweight burlap, felt and absorbent pulp, cemented together with a specially prepared waterproof compound, absolutely impervious to rain, sleet and snow, proof against frost, repellent to rats and mice, easy to handle, wears for years. Size 40x78 inches, each, \$1.90; doz., \$17.85. Size 76x76 in., each, \$3.60; doz., \$35.00.

CONTINUOUS LENGTHS of Milo Waterproof Hotbed Matting. 40-inch width, per ft., 29c; 78-inch width, per ft., 58c.

GLASS WOOL. Protection and perfect Mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 100 sq. ft. to a carton, two rolls 20 ft. long by 30 inches wide, are easy to handle and apply. Per carton, \$3.00; one roll only, \$1.75. Weight per carton, 35 lbs.

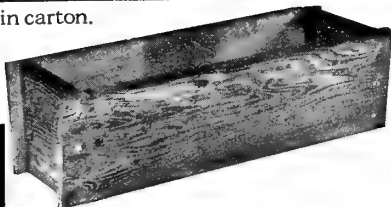


Write us for prices on Hotbed Heating Cable and Thermostats for making Electric Heated Hotbeds.

CLEAR HEART REDWOOD WINDOW BOXES

Knocked down packed one in carton.

Length	Depth	Width	Each	10 for
24 in.	8 in.	8 in.	\$0.75	\$6.50
36 in.	8 in.	8 in.	1.00	8.50
48 in.	8 in.	8 in.	1.25	11.00



ELECTRO STATIC LAMP

The Light that Kills (Ignis Mortis)

Rid your home, garden and greenhouse of insect pests by installing one or more Electro Static lamps, which will exterminate by electrocution all insects attracted to it by the light at night and bait in day time. Operating cost a mere trifle. Harmless to domestic animals. Price, \$12.25.



Plant Supports

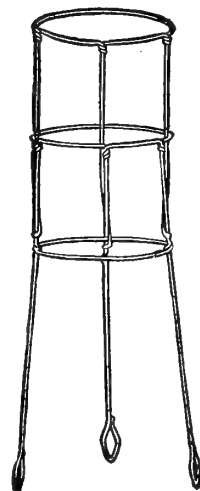
MODEL EXTENSION CARNATION SUPPORTS

Bases or bottom circle made of No. 12 galvanized wire, top circle of No. 13 galvanized wire; diameter of top circle 6 3/4 inches, bottom circle 7 1/2 inches; total height of support, extended, 24 inches; shipping weight, two-ring supports, approximately 360 pounds per thousand; three-ring supports, approximately 410 pounds per thousand.

Price, 2-ring supports, \$6.50 per 100; \$57.50 per 1,000. 3-ring supports, \$7.50 per 100; \$62.50 per 1,000.

Write for price in large quantities.

CARNATION STAPLE, Pillsbury's. For mending Carnation flowers with burst calyx. Practically invisible, being made of very fine hair wire. 1,000 staples, 35c; 3,000 for \$1.00.



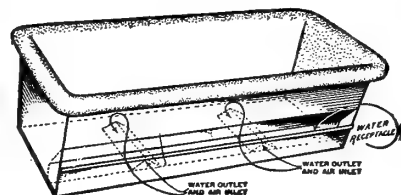
Reeds and Raffia

REEDS. Extra White, prime quality.

	Per lb.	5 lbs.	Per lb.		Per lb.	5 lbs.	Per lb.
No. 1.....	\$0.70	.....	\$0.65	No. 5.....	\$0.50	.....	\$0.45
No. 2.....	.65	.....	.60	No. 6.....	.45	.....	.40
No. 3.....	.60	.....	.55	No. 7.....	.45	.....	.40
No. 4.....	.55	.....	.50	3/8-inch Flat..	.60	.....	.55

RAFFIA. Natural, Best Grade, f. o. b. Chicago. Lb., 35c; 5-lb. lots, per lb., 30c; 10-lb. lots, per lb., 25c; 25-lb. lots, 23c; 100-lbs., per lb., 18c. Bale lots (about 225 lbs.), per 100 lbs., \$16.75.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 65c; 5 lbs. at 63c; 10 lbs. at 60c; 25 lbs. at 54c. Samples on application.



Success Self-Watering Flower Boxes

SUCCESS SELF-WATERING FLOWERBOXES. Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight. Outside dimensions of Window Boxes, Model A:

Length	Width	Depth	Price
24 inch	8 1/2 inch	6 1/4 inch	\$1.25
30 inch	8 1/2 inch	6 1/4 inch	1.50
36 inch	8 1/2 inch	6 1/4 inch	2.15
42 inch	8 1/2 inch	6 1/4 inch	2.65

Packed six in a crate. 10% discount on crate lots.

SAXOLIN DUPLEX CRINKLED TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 50c; 5 rolls for \$2.25; 10 rolls for \$4.25; 25 rolls for \$10.00.

EEZY WEAR GARDEN GLOVES

Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large"—for men: "Medium" and "Large." Price, 75c a pair; dozen pair, \$6.60.



Stakes, Pots and Tubs

PLANT STAKES—A Full Line

CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, \$1.10; 500 for \$4.75; per 1000, \$8.50. (If shipped from New York), per 100, \$1.50; 500 for \$6.00; per 1,000, \$10.50.) Special price on larger lots on application.

Japanese Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago	Per 1000	Per Bale of 2000	F. O. B. New York	Per 1000
1½ feet.....	\$0.45	\$2.25	\$ 3.00	\$0.45	\$2.10
2 feet.....	.65	2.75	4.00	.50	2.60
2½ feet.....	.75	3.20	5.00	.65	3.15
Natural. 6 ft.....	1.25	8.50	.....	1.20	7.95
3 feet.....	.95	3.60	6.00	.80	3.65
3½ feet.....	1.10	4.75	7.00	.95	4.45
4 feet.....	1.15	5.60	8.35	1.10	5.25

Write for price in bale lots.

Pipe Stems, 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for 95c; 500, \$3.25; 1,000, \$6.00.

Write for price on green painted light and heavy wood stakes.

Heavy Chinese Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, do not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Last a lifetime.

Length	Diameter	F.O.B. New York	F.O.B. Chicago
4 ft.	½ to ⅝ inch.....	\$2.65	\$3.00
4 ft.	⅝ to ¾ inch.....	3.40	4.00
5 ft.	⅝ to ¾ inch.....	3.65	4.00
6 ft.	⅝ to ¾ inch.....	4.25	4.50
8 ft.	⅝ to ¾ inch.....	4.95	5.95

Galvanized Steel Wire Stakes. Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes; write us for price on quantities, delivered to your nearest freight depot. **Quantity Discounts:** 2,000 to 5,000, 5%; 6,000 or more, 6% from 1,000 price.

No. of Gauge, No. 9 Wire	Per 1000	Per 1000	No. 9 Wire	Per 100	Per 1000
1½ feet.....	\$1.00	\$5.95	6 feet.....	\$2.45	\$20.25
2 feet.....	1.15	8.25	No. 8 Wire		
2½ feet.....	1.35	10.25	3 feet.....	\$1.75	\$13.40
3 feet.....	1.45	11.45	4 feet.....	2.10	16.40
4 feet.....	1.65	13.95	5 feet.....	2.50	19.75
5 feet.....	2.10	18.00	6 feet.....	3.20	22.90

PLANT TIES Lighting Wire.

Per box of 1,000, \$2.00; 5 or more boxes, \$1.80 per box. Shipping weight per box, 2 lbs.

CLIP, Blake's New Loop Lever.

For roses, mums, etc., up-to-the-minute stake holders; holds stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price \$2.00 per 1,000. 5,000 for \$9.50. Samples mailed free.

STAKE FASTENERS. Everlasting, packed 500 to a box, per box, \$1.25; 10 boxes or more, \$1.10 each.

GRAFTING WAX. Per ¼-lb. bar, 20c; ½-lb. bar, 30c; 1 lb., 50c.

A GOOD VARIETY OF SIZES IN THESE FLOWER VASES.

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.



Style	Diameter Top	Diameter Bot.	Ht.	Price Per Doz.
253	4 ½ in.	3 ½ in.	10 in.	\$ 4.00
255	6 ½ in.	5 ½ in.	12 in.	5.40
257	6 ½ in.	5 ½ in.	15 in.	6.00
57	5 in.	3 ½ in.	5 in.	3.00
59	6 ½ in.	5 ½ in.	7 in.	4.50
65	7 ½ in.	6 ½ in.	8 in.	5.25
66	9 in.	7 ½ in.	10 in.	6.25
68	9 in.	7 ½ in.	12 ½ in.	7.60
69	9 in.	7 ½ in.	18 in.	9.50
70	9 in.	7 ½ in.	24 in.	10.50



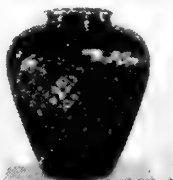
Galv. Vase

HYACINTH GLASSES.

New Style, in five distinct colors. Amber, Green, Blue, Ruby and Crystal. \$3.00 per dozen; 3 dozen, \$8.25.

HAPPINESS VASE (Blue)

Packed 12 to a corrugated shipping carton, one each in a paper carton. \$2.25 per doz., f.o.b. Chicago in lots of 6 doz.; \$2.10 per doz. delivered



Prices on pots subject to change without notice



IMPROVED NEPONSET PAPER FLOWER

POTS. The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000, f.o.b. New York	Per 1000, f.o.b. Chicago	Original crates hold	Gross wt of 1000 pots about
2.....	\$0.50	\$ 2.65	\$ 2.85	1,000.....	10 lbs
2½.....	.55	2.70	2.90	1,000.....	12 lbs
2½.....	.60	2.90	2.95	1,000.....	16 lbs
3.....	1.00	3.65	3.80	1,000.....	24 lbs
3½.....	1.10	4.80	4.95	1,000.....	34 lbs
4.....	1.20	5.85	6.00	500.....	46 lbs
5.....	1.85	8.00	8.20	500.....	74 lbs
6.....	2.40	10.50	10.75	500.....	102 lbs

FLOWER POTS, Standard Red

F. O. B. Chicago.

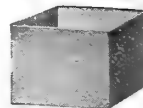
We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

No. of Pots in Crate			Sold in Crate Lots Only			No. of Pots in Crate			
2	in.....	1,500..	\$ 8.10	per 1,000	6	in.....	117....	\$ 5.90	per 100
2½	in.....	1,200..	10.75	per 1,000	7	in.....	99....	9.85	per 100
3	in.....	800....	14.00	per 1,000	8	in.....	50....	14.25	per 100
4	in.....	360....	2.40	per 100	9	in.....	28....	21.95	per 100
5	in.....	240....	4.10	per 100	10	in.....	24....	29.75	per 100
					12	in.....	6....	59.50	per 100

PLANT BANDS.

For growing plants in flats.

Put up in cartons of 1,000.
2-inch per M.....\$2.70 3-inch per M.....\$4.75



NEPONSET GREEN POTS—For Growing.

This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	Quan. per Case	Shipping Wt. per Carton	Price per Carton
2 inch	1,000	14 lbs.	\$ 4.95
2½ inch	1,000	16 lbs.	5.50
2½ inch	1,000	22 lbs.	5.95
3 inch	1,000	28 lbs.	6.95
4 inch	500	26 lbs.	4.95
5 inch	500	44 lbs.	7.45
6 inch	500	62 lbs.	9.75



AZALEA POTS, Also Suitable for Boston Ferns

No. of Pots in Crate	Per 100	No. of Pots in Crate	Per 100
6 inch.....117....	\$ 5.90	9 inch.....28....	\$21.95
7 inch.....99....	9.85	10 inch.....24....	29.75
8 inch.....50....	14.25	12 inch.....6....	59.50

BULB PANS

BULB PANS		Doz.	Per 100		Doz.	Per 100
5 inch.....		\$0.80	\$4.10	8 inch.....	\$2.25	\$14.25
6 inch.....		.95	5.90	10 inch.....	3.90	29.75
7 inch.....		1.70	9.85			

FLOWER TUBS. "Richmond Style."

These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.



Inside Top Diameter	Depth	Price, Each	Four for	Inside Top Diameter	Depth	Price, Each	Four for
No. 1. 7 in.	6 in.	\$0.55	\$ 2.20	No. 9. 14 in.	13 in.	\$1.50	\$ 6.00
No. 2. 7 in.	7 in.	.60	2.40	No. 11. 16 in.	15 in.	1.70	6.40
No. 3. 8 in.	8 in.	.65	2.60	No. 13. 18 in.	17 in.	2.50	9.60
No. 5. 10 in.	9 in.	.75	3.00	No. 14. 19 in.	18 in.	2.95	11.40
No. 7. 12 in.	11 in.	1.00	3.80				

In lots of 12 tubs, less 5%. If handles are required, add 35c per tub.

Special Bowl Assortments

These are inexpensive bowls suitable for sale with bulbs which are to be forced indoors. Planted up with pebbles or bulb fibre, and a few bulbs, they sell at sight when about to flower. Such combinations bring a better profit than bowls and bulbs sold alone. Our assortment has been chosen as a result of actual sales experience.

For breakage in transit immediate claim should be filed with the railroad. Not responsible for breakage if shipped via parcel post.



No. 5C164. Earthenware Flower Holder. White glazed finish. Figures of boy and girl in seated position. Size $5\frac{1}{2} \times 5\frac{1}{4} \times 5\frac{1}{4}$ inches. Packed $\frac{1}{6}$ dozen in a box. Per dozen, \$3.00.

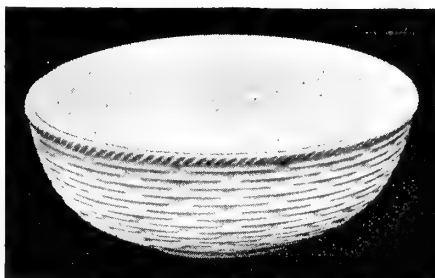


No. 3C51. Earthenware Flower Pot with Saucer Attached. Overall dimensions: Height $3\frac{1}{2}$ inches. All White, highly glazed, hobnail pattern. Drain in bottom. $\frac{1}{2}$ dozen in carton. Per dozen, \$1.20.

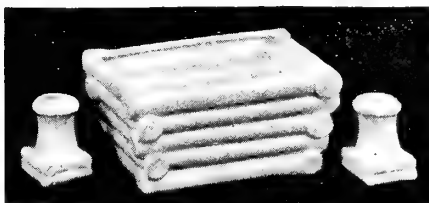
No. 4C258. Comic Figure Flower Holder. Tapered shape pot with molded petal design. Figure of girl in high colors, attached in front of vase. Comes in assorted colors. Size $5 \times 5 \times 3\frac{1}{4}$ inches. Packed 6 in box. Per dozen, \$2.40.



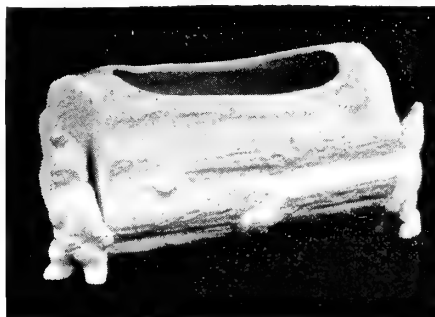
No. 5C346. White Glazed Earthenware Flower Bowl. Fancy molded shape with raised flower decoration. Size $8\frac{3}{4} \times 5 \times 2\frac{7}{8}$ inches. Packed $\frac{1}{4}$ dozen in a box. Per dozen, \$3.00.



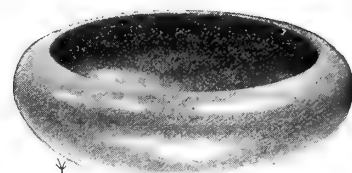
No. 100. Earthenware Flower and Bulb Bowl, made of white earthenware with high glazed finish. Size $7 \times 2\frac{5}{8}$ inches. Per dozen, \$1.80.



No. 4C349. 3-Piece Console Set. Center-piece molded to represent log construction. Harmonizing candlesticks. Made of earthenware and finished in a white glaze. Center-piece $6\frac{1}{2} \times 4\frac{1}{4}$ inches. Height of candlesticks $2\frac{1}{8}$ inches. Each set in carton (Candles not included). Per dozen sets, \$3.25 doz..



No. 5C106. Unique Flower Container. Figure of 2 dwarfs carrying large log which has opening in top for plants. Made of all-white earthenware with high glazed finish. Nicely molded. Size $8\frac{3}{4} \times 3\frac{1}{2} \times 3\frac{1}{2}$ inches. Packed each in a box. Per dozen, \$3.60.



No. A. 3—36 F. L. Style Pottery Bulb Bowls. Made up as follows: 15 5-in., 15 6-in., 6 $8\frac{1}{2}$ -in. bowls of assorted colors including Blue, Ivory and Jet Black (not illustrated), for... **\$8.75**

F. L. Style Pottery Bowls, in Blue, Ivory and Jet Black.

5-in. diam., doz., \$2.25; $6\frac{1}{2}$ -in. diam., doz., \$3.25; $8\frac{1}{2}$ -in. diam., doz., \$4.80. Packing charges at cost.

V100 Mottled Marble Finish Bowls. These bowls have a very artistic mottled marble effect and should not be compared with ordinary pottery bowls. 7-inch. Doz., \$6.00.



No. 4C138. Novel Gondola Shaped Flower Container. White with green trim glazed earthenware. Ideal for short stemmed flowers or small plants. Size $13 \times 4\frac{3}{4} \times 2\frac{3}{4}$ inches. Packed each in box. Per dozen, \$4.20.

Pearl Chips and Prepared Bulb Fibre

For growing Bulbs in Bowls and Pots.

Bulb Fibre. Prepared for growing Bulbs in bowls at \$4.75 per 100 lbs.

Pearl Chips, White, for growing Bulbs in bowls at \$2.75 per 100 lbs; 500 lbs., \$12.00.

Pearl Chips, Colored, \$3.25 per 100 lbs; 500 lbs., \$14.75.

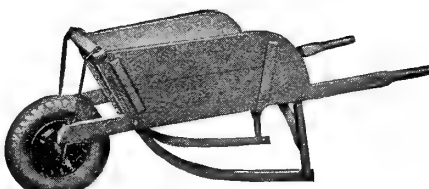
White and Colored Pearl Chips. Packed in small boxes of approximately 1 lb. 36 to a carton. White, price per carton, \$2.00; Colored, per carton, \$2.25.

White and Colored Polished Whole Shells. Put up in small packages. 36 to a carton. White, per carton, \$2.00; Colored, per carton, \$2.25.

Write us for prices on larger quantities.

Place orders early to insure getting desired colors.

WHEELBARROWS



Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with $2\frac{1}{2}$ -inch thread; the axle is 15 inches wide. Made of the best material. Legs reinforced, spread at handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, \$9.25.

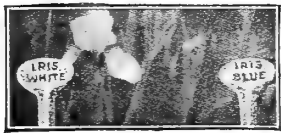
Equipped with a pneumatic wheel as illustrated Price, \$16.95.

DELUXE HOME GARDEN OR GOLF COURSE WHEELBARROW



Lightest practical full-sized utility barrow on the market, yet sturdy enough to carry a load of 250 lbs. Size of tray 32×29 inches, capacity 3 cubic feet, weight 35 lbs. Channel steel legs, hardwood handles. Wheel cadmium plated steel disc type, tire $10 \times 2\frac{3}{4}$ inches, donut single tube cord. Price, \$7.75.

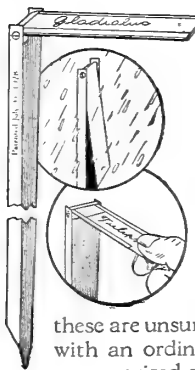
Plant Labels



PLANT MARKERS. Oval top; made of heavy galvanized sheeting, 9 in. long, per 100, \$3.00.

ROCK GARDEN LABELS. 4-in. galvanized small oval bowl for rock gardens, per 100, \$3.00; small bottle black ink for marking the above, each, 35c.

PLANT MARKERS. Cadmium plated, having four times the rust resistance of galvanizing. 3-in. label on 12-in. stake, per 100, \$3.25; 3-in. label on 18-in. stake, per 100, \$4.00; etching ink and stylus included.



PEERLESS ALL METAL PLANT MARKERS. Non-rusting, made of copper bearing galvanized metal, finished in foliage green, no acid painting or special ink necessary. The ordinary lead pencil is the very best thing to use for writing the names. No hunting for some special stake, merely take the first one you come to and change the card. This is very quickly and easily done. **Quantity Discount:** 200, less 5%; 300 or more, 10%.

	Doz.	25	50	100
12-in.,	\$1.20	\$1.75	\$3.25	\$5.95
18-in.,	1.60	2.75	5.00	9.50

ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure $3\frac{3}{4} \times \frac{3}{4}$ inches. Price per 100, \$1.50

Pot and Garden Labels

LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat, $\frac{5}{8}$ inches wide.

When ordering specify pot labels or garden stakes, painted or plain.

	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch.....	1000	\$1.55	\$1.95
5-inch.....	1000	1.80	2.20
6-inch.....	1000	2.00	2.50
8-inch.....	500	2.50	3.00
10-inch.....	500	3.00	4.00
12-inch.....	250	4.00	5.00

GARDEN STAKES

8-inch— $\frac{7}{8}$ -inch wide.....	250	3.95	4.95
10-inch— $\frac{7}{8}$ -inch wide.....	250	4.95	5.95
12-inch— $1\frac{1}{8}$ -inch wide.....	1000	6.95	8.45

LABELS (Tree). Wooden, $3\frac{1}{2}$ in., copper wired. Per 1000, plain, \$1.80; 5,000 to 9,000, per 1,000, \$1.65; 10,000 or more, per 1,000, \$1.55; painted, per 1,000, \$2.25; 5,000 to 9,000, per 1,000, \$2.15; 10,000 or more, per 1,000, \$1.95.

WEATHERPROOF PENCILS. For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.

COPPER LABELS. Wired, indestructible. Per 100, \$1.50; larger size, per hundred, \$2.15.

EVERLASTING ZINC LABEL.

A permanent label holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 50c; 500 for \$1.95; 1,000 for \$3.25; 5,000 for \$14.75.



Pruning Tools

SAWS (Atkins) Double-Edged Pruning.

16-in..	\$1.25
18-in..	1.40
20-in..	1.50



TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, \$2.25; 3 for \$6.25.

Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, \$1.95.

Utility Speed Pruning Saw. Length 26 inches, curved blade. Each, \$2.95.

TREE PRUNERS. Waters' 6 ft., \$1.85; 8 ft., \$2.10; 10 ft., \$2.35; 12 ft., \$2.60. Extra blades, each, 25c.

No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Each, \$7.00.

SCYTHE BLADES

Kelly Cloverleaf Dutch grass scythes. 32-inch, ea., \$1.50.



English Imported, riveted back, 30-inch, \$2.50; 36-inch, \$2.75. Scythe Snath, each, \$1.85. Scythe Stone, Natural, 15c each.

SHEARS, Pruning. 6-in., \$1.50; 9-in., full polished with ratchet, American made, best quality, \$1.50. Extra springs, ea., 15c.



Henckel Twin Brand Imported Pruning Shears, with ratchet.

7 $\frac{1}{2}$ -inch.....	each, \$4.25
8 $\frac{1}{2}$ -inch.....	each, 4.75
9 $\frac{1}{2}$ -inch.....	each, 5.25

Henckel. California pattern, with brass spring, \$5.00.



Snap Cut Pruner. Full polished. Each, \$1.60.



FORESTER PRUNERS

No. 1—20 inches long, designed for the fruit grower. Each, \$4.20. Weight, 2 lbs. 10 ozs.

No. 2—27 inches long, has a capacity up to 1 $\frac{1}{2}$ inch in green wood. Price, \$5.25. Weight, 4 lbs. 10 ozs.

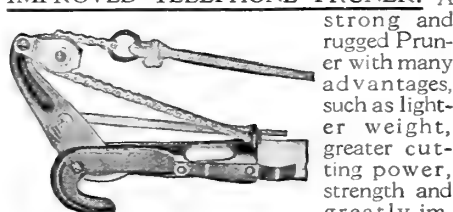
No. 3—34 inches long, capable of cutting up to its rated capacity in any so-called hardwood such as oak, maple and beech. Weight, 7 lbs. 4 ozs. Each, \$6.50.



THE PORTER POINTCUT PRUNER

Light in weight, 2 $\frac{1}{2}$ lbs., 20 inches long. Easy to use in close places. Price, \$4.35.

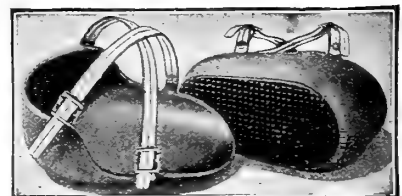
IMPROVED TELEPHONE PRUNER.



A strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1 $\frac{1}{2}$ -inch branches, No. 11 cuts 1-inch branches. No. 11 Pruner Head only, \$2.25. Price complete with one head pole, 6 ft., and two 6-ft. extension poles, \$9.50. No. 12 Pruner head only, \$5.25. Price complete with head pole and two 6-ft. extension poles, \$15.50.

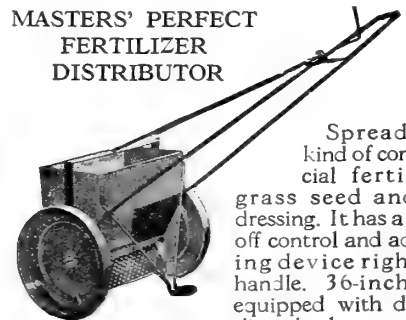
SPIKE TAMP. Easy to handle, quickly converted from spiker to tamper, each, \$3.95.

KNEE PADS



All rubber cushion pads constructed of solid and sponge rubber with adjustable straps fit any knee, will not slip down while walking. Price, \$1.25; 3 for \$3.50.

MASTERS' PERFECT FERTILIZER DISTRIBUTOR



Spreads any kind of commercial fertilizer, grass seed and top dressing. It has a shut-off control and adjusting device right on handle. 36-inch size equipped with double disc wheels.

16-inch size.....	\$ 9.25
24-inch size.....	12.50
36-inch size.....	19.00



SPEEDLINE LAWN BRUME

Improved adjustable spring steel flat finger broom rake. Fingers can be adjusted from 1 $\frac{1}{2}$ to 20 inches spread merely by pushing handle in or out. Light, durable and attractively finished in blue enamel and bronze. Retail at \$1.10 each. Dealers' price doz., \$8.50.

Vaughan's High Grade Fertilizers

The highest grade only. Guaranteed analysis. Prices net cash and subject to market fluctuations.

Prices for Florists F. O. B. New York.

SUPERPHOSPHATE. 20% bone phosphate in the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Price, 25 lbs., 80c; 50 lbs., \$1.10; 100 lbs., \$2.00; 500 lbs., \$8.00; 1,000 lbs., \$14.00; 2,000 lbs., \$26.00.

BONE AND BLOOD. For garden crops use 500 lbs. per acre. Price, 25 lbs., \$1.15; 50 lbs., \$1.85; 100 lbs., \$3.25; 500 lbs., \$16.00; 1,000 lbs., \$30.00; 2,000 lbs., \$58.00.

BONE, BLOOD AND POTASH (Analysis) 5-8-7

Excellent for mixing into potting soil or as a top dressing. Use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.25; 1,000 lbs., \$23.00; 2,000 lbs., \$45.00.

BONE MEAL—VAUGHAN'S ROSE GROWER

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. It is made from bone accumulated in large slaughter houses. Analysis: Nitrogen 3.7 per cent; total phosphoric acid, 20 per cent. Price, 5 lbs., 50c; 10 lbs., 95c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.25; 500 lbs., \$15.00; 1,000 lbs., \$25.00; 2,000 lbs., \$45.00.

REGULAR BONE MEAL. 25 lbs., \$1.10; 50 lbs., \$1.80; 100 lbs., \$2.85; 500 lbs., \$13.00; 1,000 lbs., \$23.00; 2,000 lbs., \$40.00.

PANAMA RAW BONE COARSE. 4.25 Nitrogen, 24% Phos. Acid. 100 lbs., \$3.50; 500 lbs., \$15.00; 1,000 lbs., \$28.00; 2,000 lbs., \$50.00.

DRIED BLOOD For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Price, 25 lbs., \$1.75; 50 lbs., \$2.50; 100 lbs., \$4.45; 500 lbs., \$22.00; 1,000 lbs., \$42.50; ton, \$83.00.

FLORANID UREA A highly concentrated organic fertilizer containing 46 per cent available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, lb. can, 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 50 lbs. \$4.00.

FAIRWAY GRASS FOOD. Compounded for feeding grasses and for no other purpose; recommended by leading turf specialists for use on lawns, golf courses and parkways. Price, 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00; per ton delivered, \$65.00. Write for quantity prices.

LOMA. A well balanced plant food for all plants. Price, 1-lb. pkgs., 24 in case, per case, \$1.44; 5-lb. carton, 12 in a case, per case, \$3.60; 10-lb. bags, packed, 10 in a jute sack, per sack, \$5.70; 25-lb. bags, 4 in a sack, per sack, \$4.20; 50-lb. bags, 2 bags to a sack, per sack, \$3.54; 100-lb. bags, \$2.90 (300 lbs. or over Freight Prepaid). Prices slightly higher in New England States.

HARDWOOD ASHES. (Imported). A fall lawn dressing. Insures a thrifty growth and dark color. Price, 25 lbs., 90c; 50 lbs., \$1.65; 100 lbs., \$2.75; 500 lbs., \$13.00; 1,000 lbs., \$22.00; 2,000 lbs., \$42.00.

HORN SHAVINGS 50 lbs., \$3.00; 100 lbs., \$5.00; 500 lbs., \$22.50.

HORN DUST. Contains approximately 18% Ammonia, ground fine, acts quicker than Horn Shavings. 25 lbs., \$2.00; 50 lbs., \$3.25; 100 lbs., \$5.00.

NITRATE OF SODA or Chili Saltpeter Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen. Price (subject to market changes), 25 lbs., \$1.40; 50 lbs., \$2.10; 100 lbs., \$3.00; 1,000 lbs., \$28.00. Write for prices on large quantities.

SHEEP MANURE. This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Price, 25 lbs., 90c; 50 lbs., \$1.65; 100 lbs., \$2.15; 500 lbs., \$11.50; 1,000 lbs., \$21.00; 2,000 lbs., \$40.00.

SCOTCH SOOT. (Genuine Imported.) Gardeners know its value for dark green foliage, and freeing the soil from slugs, grubs and cut worms. Price, 25 lbs., \$1.50; 50 lbs., \$2.60; 100 lbs., \$3.50; 500 lbs., \$17.00; 1000 lbs., \$32.50.

SHREDDED CATTLE MANURE. An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process, from selected fresh cleanings from cattle pens. Price, 100 lbs., \$2.50; 500 lbs., \$13.50; 1,000 lbs., \$23.00; 2,000 lbs., \$44.00.

CLAY'S FERTILIZER. It should be used as top dressing. Price, 7 lbs., \$5.00; 112 lbs., \$9.25.

ELECTRA 4-9-3. A great favorite with private estate gardeners and commercial growers. High in organics. 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$6.75.

VIGORO. It contains all elements plants need for healthy growth, because it is a complete plant diet. A good seller. Price, 100-lb. bag, \$2.75; 50-lb. bag, \$1.70; 25-lb. bag, \$1.00; 10-lb. pkg., 6 to a case, \$3.36; 5-lb. pkg., 14 to a case, \$4.06; 1-lb. pkg., 32 to a case, \$1.92.

KEM LIQUID PLANT FOOD

A complete balanced ration for plants; a nutrient solution containing all essential elements, Nitrogen, Phosphate, potash, including Calcium, Barium, Sulphur etc. merely dilute Kem solution with hydrant water. House plant size retails for 25c; doz., \$2.00; slightly less than qt. size retails for 50c; doz., \$4.00; slightly less than gal. size, retails for \$1.00; doz., \$8.00. Write for price on larger containers.

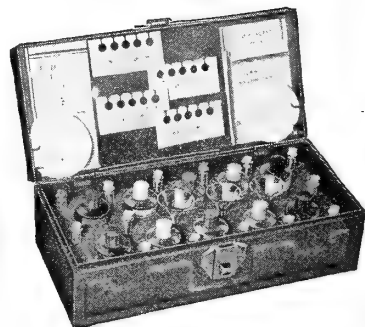
IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

We are not responsible for loss of weight, due to evaporation, of imported fertilizers.

Soil Testers

The Sudbury Horticultural Soil Test Kit, \$9.75

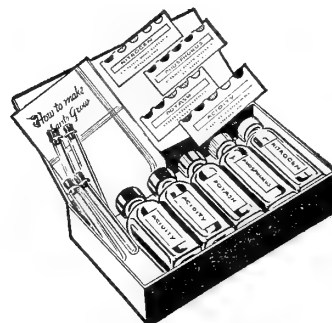
The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, \$9.75.



Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash or acidity. 2 oz., 75c; 6 oz., \$1.50.

The Sudbury Professional Soil Test Kit—Contains enough material for 200 individual tests. Price complete with instructions, \$18.50.

The Sudbury Home Gardener's Soil Test Kit, \$1.50



This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenskeepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately.

The Sudbury Home Gardener's Soil Kit. Complete with instructions and table of plant needs, \$1.50.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., \$1.50.

Rubber Hose, Couplers, Nozzles, Etc.

VAUGHAN'S FLORIST GUARANTEED HOSE

A brand of hose manufactured especially for greenhouse use. Molded hose of highest quality; thick, sturdy hose wall and two braids of heavy cord, make it suitable for use by florists. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

Guarantee—We guarantee Florist Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition. 25 to 49 feet.....per ft., 18c | 50 to 99 feet.....per ft., 17½c | 100 to 400 feet.....per ft., 17c.

In bales of 500 ft., 16½c. ft.

CORRUGATED HOSE. High grade molded hose suitable for use by florists and contractors on golf greens, in cemeteries, public parks and large estates. Price, 50 to 100 ft., 12½c ft.; 100 to 500 ft., 12c ft.

Price ¾ or ½ inch couplings 20c per set; sample mailed free if desired.



SPRAY HOSE. For high pressure spraying. ¾ in., per ft., 18c; ½ in., per ft., 21c.

HOSE COUPLING,

Improved Ever-Tight.

No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 45c; doz., \$4.80.

Corrugated Brass hose coupling, for ½ or ¾-in. hose. Each, 20c; doz., \$1.95. 1-in., each, 40c; doz., \$3.75.

MEYER ¾-INCH HOSE COUPLING. Connects the hose instantly by a straight push-on, and disconnects by twisting the ejector on faucet end slightly to the right. Complete coupling, each, 50c; doz., \$6.00. Faucet end, each, 20c; doz., \$2.40. Hose end, each, 30c; doz., \$3.60.

HOSE STRAPS, Caldwell. For ½, ¾ and 1-in. hose. Doz., 35c; gross, \$3.25.

HOSE WASHERS. ¾-inch. Doz., 5c; gross, 50c.

PERFECT CLINCHING HOSE COUPLER. ¾-inch. Per pair, 30c; per doz., \$2.60.



PERFECT CLINCHING HOSE

MENDER. Each, 12c; doz., \$1.00.

WATERING POTS. American.

Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., \$3.95; 6-qt., \$4.25; 8-qt., \$4.50; 10-qt., \$4.75; 12-qt., \$5.00.

French Style. Oval, otherwise same make as above. 6-qt., \$5.00; 8-qt., \$5.25; 10-qt., \$5.50; 12-qt., \$5.85.



French Style

HOSE NOZZLES.



"Chicago"—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each ¾ inches in diameter, about 100 very fine holes in each, giving both fine and coarse effective sprays. Florists like it. Price, \$3.00.

Paradise Syringing Nozzle. 10-inch, each, \$2.50; 18-inch, each, \$3.00; extra tips, each, 35c.

Boston Rose Spray Nozzle—

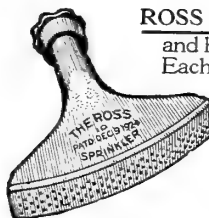
Brass. ¾-inch hose. State whether coarse or fine spray is wanted. Each, \$1.25; by mail, \$1.35.

"Justrite Nozzle"—Throwing all variations, from fine spray to stream. Each, 60c; doz., \$4.80.



These prices are subject to change without notice.

ROSS No. 10 SPRINKLER. Is preferred by growers and home owners; capacity seven gallons per minute. Each, 75c; doz., \$7.50.



HOSE MENDER, The

Cooper. It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no mechanical skill to adjust them. Price: For ½ or ¾-inch hose, each, 10c; 4 for 35c; doz., 80c. 1-inch hose, each, 12c; doz., \$1.00.



FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.



Budding, No. 5A. Black handle; brass lined.....\$1.75 3 for \$5.00
Budding, Beech Wood Handle. Per doz., \$4.00.....40 1.10



Budding, Aluminum Handle (Imported), No. 801.....Each \$2.00 3 for \$5.00
Propagating, No. 1011. Aluminum handle (imported). Each, \$2.00; 3 for \$5.00.



Vaughan's Florist (Henckel Brand).....Each \$1.75
Budding Knife—Ivory tip, black handle. Each, \$1.75.
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop, No. 727W. 3 for \$6.00.....2.25
Henckel's Nurseryman's Extra Heavy Pruner, No. 3C... 2.50
Henckel's Pruning, No. 2C.....2.25

Kunde, No. 30A. For budding, copulation, and vine grafting. Each \$2.35; three for \$6.75.

Kunde, No. 23. For vine, rose, and tree grafting. Each, \$2.35; three for \$6.75.

Putty Knife—No. 120, a very good tool; 3 for \$1.10...Each, \$0.45
Pruning, Stag handle.....Each, 2.00



Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, 75c; doz., \$8.50.

White Handle, No. 83023W, silver nickel shackle for chain attach. Each, \$1.00; 3, \$2.75.



Wreath and Bouquet Materials

SPLIT BAMBOO. Plant Stakes. 12-inch; per 1000, \$1.20; per bale of 2000, \$2.20; 18-inch, per 1000, \$1.65; per bale of 2000, \$3.20.

WIRED PICKS.

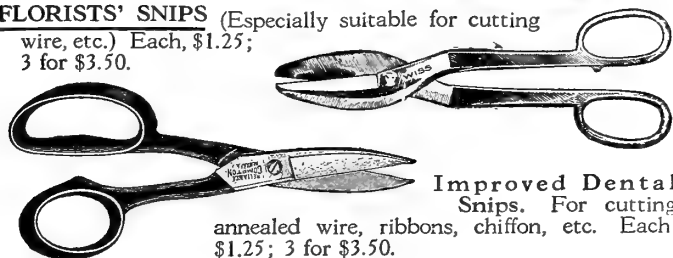
2½-inch Plain.....	Box of 10,000	\$ 2.50
3 -inch Green.....	Box of 8,000	3.25
4 -inch Green.....	Box of 4,500	2.95
6 -inch Green.....	Box of 3,000	2.50
2½-inch Plain.....	Case of 50,000	10.95
4 -inch Green.....	Case of 10,000	5.45

MATCH or HYACINTH STICKS.

Dyed green; 5-inch, 65c; 12-inch, \$1.35; carton of 9000, \$10.80; 18-inch, \$1.80 per 1000; carton of 6000 at \$9.90.



FLORISTS' SNIPS (Especially suitable for cutting wire, etc.) Each, \$1.25; 3 for \$3.50.



Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each \$1.25; 3 for \$3.50.

TWINE "The Queen" White Cotton Twine. 3 or 4 ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, \$1.80. 5 bags for \$8.50. Write for prices on larger quantities.

Florists' Thread, Green.

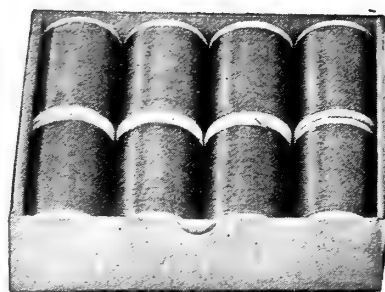
Myers' best brand. Similar to Silkaline, 8 spools to a box. Per lb. box, \$1.00; 10 boxes at 95c per box.

Green Sea Island Twine.

Used for wrapping small packages—also for spray and design work. Put up in balls. 1 lb. box, 65c; 5 boxes at 60c per box.

Green Sea Island Twine.

2 lbs., per cone, \$1.10; 3 cones for \$3.00.



WIRE. (Prices subject to change.) Florist Wire on 12-lb. coils.

No. 18.....	\$1.25
No. 20.....	1.35
No. 22.....	1.50
No. 24.....	1.70
No. 26.....	1.90
No. 28.....	2.25



FLORISTS' CUT WIRE.

Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box.

No.	18	20	21	22	24	26
Price.....	\$1.25	\$1.40	\$1.50	\$1.60	\$2.30	\$2.80

GALVANIZED WIRE COILS. Used for stringing benches in Carnation and Rose houses. No. 16, per 12-lb. stone, about 1200 ft., \$1.50; 100-lb. coil, \$7.50. No. 18, per 12-lb. stone, about 1800 ft., \$1.60; 100-lb. coil, \$7.95.



FERN PIN.

New Philly. The bend holds the leaves firmly; easier to handle. Per box, \$1.75.



PINS, GREENING. Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc., \$1.75 per box of about 10,000.

BULL DOG CLIPS. The clip with the grip. Per box of 1,000 clips, 50c; 10 boxes for \$4.50.

Radish

Improved Early Scarlet Globe. Vaughan's Selected Stock. The standard red radish for hot-bed and forcing use. An unequalled strain of this most popular sort. Oz., 15c; ¼ lb., 35c; 1 lb., 90c; 10 lbs. or more, 85c per lb.

Tomatoes for Forcing

★Those starred are resistant to Tomato Wilt

In the Greenhouse each tomato plant should produce at least 18 lbs. of fruit to pay for space occupied. It is therefore important that nothing but those yielding heavy crops should be used. We have selected the best strains possible for production, quality and resistance.

- ★Urbana (pink) for fall forcing. Resembles Livingstons Globe in type of fruit.
- ★Blair (pink) and Sureset (pink) are very similar in all respects and good producers in spring. Both are globe and resistant.
- ★Lloyd (red) and Long Calyx (red) are quite similar and both heavy yielding, the Lloyd may be a little heavier.
- Mich. State, bred to Michigan conditions where there is an excess of cloudy weather yet produces a heavy crop. A red tomato smooth and very productive. Pkt., 25c; oz., \$1.50.
- Livingstons Globe (pink). Pkt., 25c; oz., \$1.50.
- Grand Rapids (red). Pkt., 25c; oz., \$1.50.
- Bonny Best (red).
- Globelle (pink). Pkt., 50c; oz., \$3.50.

The above all produce heavier than Marglobe, another resistant type. All above, except as noted. Pkt., 25c; oz., \$1.00.

Mushroom Spawn and Profitable Greenhouse Vegetables

NEW CUCUMBER—"The Vaughan"

The Vaughan. (The best American Cucumber.) Darker, thinner, longer and more prolific than the old standards. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.

CUCUMBER—English Frame Variety

Rollison's Telegraph. Greenhouse, English grown. Pkt., 25c; oz., \$2.00.

Lettuce

GRAND RAPIDS FORCING. Vaughan's Selected Stock for Greenhouse Use. This grand forcing variety is the hardest of all sorts for greenhouse use and is planted now to the exclusion of almost all other sorts for this purpose. Vaughan's Extra Selected Stock. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.75.

Mushroom Spawn

(NEW SPORE CULTURE)

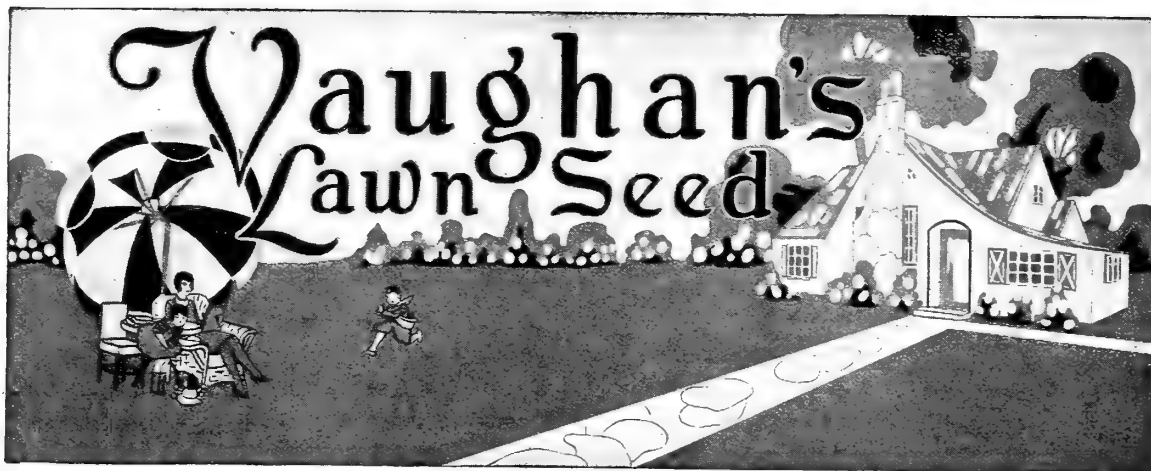
One brick will plant 10 square feet. Price, per brick (weight about 1 lb.), 35c; 5 bricks, \$1.50; 10 bricks, \$2.50; 100 bricks, \$18.00. Not prepaid.

No. 9. White Alaska. Mammoth Strain. A most popular sort with growers for the market.

Sterilized Bottle-Spawn

Under ideal conditions of temperature and moisture, loose or bottle-spawn will start running sooner and give quicker results than the brick spawn. Price per doz. bottles, \$7.50 not prepaid; per bottle 75c; prepaid within third zone. One bottle covers 35 to 40 square feet.

MUSHROOM CARTONS. Per 100, \$1.75.



This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

Bigger Profits In Quality Seed

FANCY GRASSES

All grass seed prices subject to change without notice.

KENTUCKY BLUE GRASS. Our blue grass is all re-cleaned to fancy purities with low weed content and is of high germination.

Fancy. Blue grass is again good quality this year and our seed is from the cream of the crop. Full bags (112 lbs.), \$20.00 per 100 lbs.; broken bags, 21c per lb.; 10 to 25 lbs., 22c per lb.

Standard. Full bags (112 lbs.), \$19.00 per 100 lbs.; broken bags, 20c per lb.; 10 to 25 lbs., 21c per lb.

Extra Fancy Suncured Seed. Purity 98%. Full bags (112 lbs.), 26.00 per 100 lbs.; broken bags 27c per lb.; 10 to 25 lbs., 28c per lb.

RED TOP, Extra Fancy. Re-cleaned from selected fields. Full bags (100 lbs.), \$13.50 per 100 lbs.; broken bags, 14½c per lb.; 10 to 25 lbs., 15½c per lb. Bags 25c each extra.

Fancy. Full bags (100 lbs.), \$12.00 per 100 lbs.; broken bags, 13c per lb.; 10 to 25 lbs., 14c per lb. Bags 25c each extra.

CLOVER, White Dutch. Bags, 25c each extra.

Fancy. \$45.00 per 100 lbs.; less than 100 lbs., 46c per lb.; 10 to 25 lbs., 47c per lb.

Choice Grades. \$43.00 per 100 lbs.; less than 100 lbs., 44c per lb.; 10 to 25 lbs., 45c per lb.

Put up in packages of 5 lbs. and less, write for prices.

RYE GRASS, Native Grown. Full bags (100 lbs.), \$7.50 per 100 lbs.; broken bags, 8½c per lb.; 10 to 25 lbs., 9½c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), \$55.00 per 100 lbs.; broken bags, 56c per lb.; 10 to 25 lbs., 57c per lb.

POA TRIVIALIS (Rough Stalked Meadow Grass). Full bags (107 lbs.), \$38.00 per 100 lbs.; broken bags, 39c per lb.; 10 to 25 lbs., 40c per lb.

ASTORIA BENT. Full bags (100 lbs.), \$62.00 per 100 lbs.; broken bags, 64c per lb.; 10 to 25 lbs., 67c per lb.

SEASIDE BENT. Full bags (100 lbs.), \$65.00 per 100 lbs.; broken bags, 67c per lb.; 10 to 25 lbs., 70c per lb.

Ask for quotations on grasses not listed.

LAWN MIXTURES

Vaughan's No. 25 Lawn Mixture. 100 lbs., \$15.00; 1-lb. cartons (ea., 20c), \$17.00 per 100 lbs.; 5-lb. bags (ea., 90c), \$16.00 per 100 lbs.; 10 to 25 lbs., 17c per lb. Retail 30c per lb.

"Good Mixed" Lawn Grass Seed. \$17.50 per 100 lbs.; less than 25 lbs., 19½c per lb.

Vaughan's No. 40 Lawn Mixture. Intermediate grade. 100 lbs., \$20.00; 1-lb. cartons (ea., 25c), per 100 lbs., \$22.00; 5-lb. bags, (ea., \$1.10), per 100 lbs., \$21.00; 10 to 25 lbs., 22c per lb.

Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure lawns.

(Retail at 60c per lb.) Price, \$40.00 per 100 lbs.; 5-lb. bags (ea., \$2.20), per 100 lbs., \$41.00; 1-lb. cartons (ea., 45c), per 100 lbs., \$42.00. Orders for 10 to 25 lbs., 42c per lb.

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

Prices for Chicago Parks Formula

	Per 100 lbs.
½-lb. carton, each, 15c (Retail for 25c)	
1 -lb. carton, each, 30c (Retail for 45c)	\$27.00
2 and 3-lb. cartons	26.50
5-lb. cartons or bags (each, \$1.45)	26.00
10 and 15-lb. bags	26.00
100, 50-lb. and 25-lb. bags	25.00
300 lb. lots	24.50
500 lb. lots	24.00
1000 lb. lots	23.00

On Larger Lots Ask For Prices

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

Vaughan's Columbian (Shady Place Formula)

	Per 100 lbs.
½-lb. carton, each, 20c (Retail for 30c)	
1 -lb. carton, each, 40c (Retail for 55c)	\$37.00
2 and 3-lb. cartons	36.50
5-lb. cartons or bags (each, \$1.95)	36.00
10, 15-lb. bags	36.00
100, 50-lb. and 25-lb. bags	35.00
300 lb. lots	34.50
500 lb. lots	34.00

On Larger Lots Ask For Prices

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptional shade mixture and decidedly the best shade mixture on the market. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet.

(Retail at 70c per lb.) Price, \$45.00 per 100 lbs.; 5-lb. cartons (ea., \$2.45), per 100 lbs., \$46.00; 1-lb. cartons (each 50c), per 100 lbs., \$47.00. Orders for 10 to 25 lbs., 47c per lb.

Note

We call attention to the fact that we carry a complete line of native and imported grasses, using great care always as to quality in our purchases, and can quote to advantage.

"Your Lawn"

This booklet gives the latest scientific advice on all phases of lawn making. One copy is packed with each carton and bag of the lawn seed mixtures priced on this page.

All grass seed net cash, f. o. b. Chicago and New York and subject to change without notice.

We Guarantee You Sale of This Best Christmas Side Line

More than 1,000 Florists Making Profits on Vaughan's Natural Floral Perfumes

OUR INTRODUCTORY DEAL
with Guaranteed Sale on 90 Day Terms, for **\$12**

If in 90 days you are disappointed in sales, you may return Displays and unsold bottles for credit to your account.

HERE IS WHAT YOU GET FOR \$12.00

This assortment includes everything you need to go into the perfume business — all display material, testing samples, direct mail folders, etc.

48 one-dram bottles of perfume (12 Lilac, 12 Carnation, 6 Lily of the Valley, 6 Heliotrope, 6 Violet, 6 Sweet Pea)—Retail Value, at 50c per dram **\$24.00**

FREE DEMONSTRATION

6 testing samples (one each odor), retail value, \$3.00.

Display Cabinet as illustrated, loaned to you.
Display Cards.

Consumers' folders for mailing. Not imprinted.

Total Sale Value **\$24.00**

Price to You **12.00**

YOUR PROFIT \$12.00

REFILLS: One-dram perfumes, \$3 per doz. F. O. B. Chicago

(If imprinted folders are wanted, these can be had at 50c per 100 or \$2.00 per 1,000. Perfumed blotters to enclose with statements, consumers' folders, etc., are available at 50c per 100; \$2.00 per 1,000. These are highly effective and bring in many customers).

Odors Available on Reorders

Appleblossom	Heather	New Mown Hay
Bouquet S	Heliotrope	Nicotiana
Bouquet X	Hyacinth	Parma Violet
Carnation	Jasmine	Red Rose
Forest Breeze	Lavender	Sandalwood
Frangipani	Lemon Verbena	Sweet Pea
Freesia	Lilac	Violet
Gardenia	Lily of the Valley	White Rose
Geranium	Magnolia	Wild Rose
Hawaiian Lei		Ylang Ylang



This display cabinet, in violet crinkle finish with chromium trim and gold lettering, occupies counter space of 13 x 4½ inches and is 16½ inches tall. It holds your entire stock of 48 gold capped bottles, keeping them safe while allowing unobstructed inspection. Loaned with \$12.00 deal.

More than a thousand retail florists are now doing a highly profitable business in Vaughan's True Floral perfumes.

Their customers find it natural to purchase floral perfumes in a flower shop, and appreciate the savings which our prices allow over even the department stores and drug stores, though the quality of our perfumes is unsurpassed by any line.

Today's vogue for floral perfumes has increased the demand for Vaughan's true odors—the only line in existence that is based on the natural fragrance of the freshly opened flower. In selling this perfume you are tying in with a demand that can be met with no other line in existence. A "natural" for florists.

You can try this proved sideline without risk, by sending for our introductory offer. We give you 90 days to sell what you can, with the privilege of returning unsold stock if you wish.

We lend you a beautiful display cabinet which keeps your stock safe and in good condition, while permitting unobstructed examination of all odors.

Perfumes are the preferred Christmas and Easter gift, sold in larger volume at those seasons than any other time. Get your share of this profitable business!

L. H. VAUGHAN, PRES.

CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORKGREENHOUSES AND NURSERIES,
WESTERN SPRINGS, ILL.

Vaughan's Seed Store

GENERAL OFFICES AND WAREHOUSES
601-609 WEST JACKSON BLVD., CHICAGO

CARL CROPP, V. PRES.

NEW YORK,
47-49 BARCLAY ST.CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

All telegrams should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York.

PRICES IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 per cent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting **net cash** items).

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover from which deduct 2 per cent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalog are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 per cent. of amount of order must accompany it.

PERISHABLE STOCK. Plants, Bulbs, etc., are **POSITIVELY** not sent C.O.D.

WHERE SOLD. Our stocks are sold F.O.B., Chicago, New York or Western Springs (unless otherwise stated), and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give name of railroad you wish shipped by; there is no other sure way of correct routing. **DO NOT** use the words **send, ship or forward**—they mean **nothing**. State distinctly: **Mail, Express or Freight.**

BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual bank and trade reference and financial statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some **individual name** should be signed to all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for **cash goods**.

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

INSURANCE. We insure all orders for seeds for \$2.00 and over at buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than \$1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our **SPRING RETAIL CATALOG** will be given as follows:

25% on orders amounting to \$1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.

30% on orders (for packets) from \$1.00 to \$5.00, when at least 5 of a kind are ordered.

40% on orders (for packets) for \$5.00 and over, when at least 5 of a kind are ordered.

10% on special offers and cut-rate collections, none on bulb collections.

None of these seeds are returnable. They are sold outright.

Cash Discounts on Flower Seeds. On all orders for flower seeds totaling less than \$25.00 5%, and over \$25.00, 8% may be deducted if cash is enclosed.

No order will be charged to open account for less than 25 cents.

All telegrams should be addressed to our general office at 601 W. Jackson Blvd.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED STORE, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

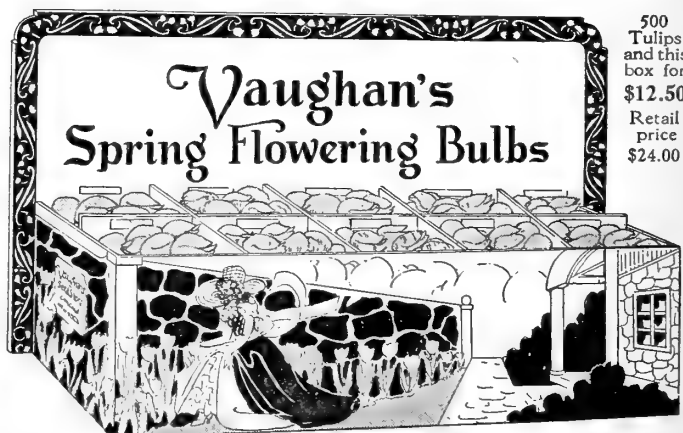
Double Your Money on Tulips Sold From This Attractive Display

MERCHANDISING of bulbs by local dealers is rapidly growing. This business belongs to the florist, who can supply expert advice to purchasers. Profits are large; there is no spoilage; and the business harmonizes with the florist line, an important point. Our beautiful display box will be an ornament in any flower shop.

Vaughan's ten-compartment display box, staunchly made of 100 point cardboard printed in brilliant colors, will hold 500 bulbs, 50 each of ten varieties.

This beautiful display box, with 500 First Size May-flowering tulips, 50 each of ten named varieties, separately bagged, \$12.50; 1,000 Second Size May-flowering Tulips, 100 each of ten named varieties, separately bagged, and display box, \$20.00, f. o. b. Chicago or New York.

The varieties in this collection are the most popular: Bartigon, Clara Butt, Grenadier, Inglescombe Yellow, Mad. Krelage, Orange King, Philippe de Commines, Pride of Haarlem, F. Sanders, Rev. Ewbank. You retail them for 60 cents per dozen, and your profit equals your investment. After the display box and first collection have been bought, refill orders will be accepted for \$12.00 for 500 bulbs, 50 each of the same 10 varieties, in bags of 50; or \$23.00 for 1,000 bulbs, 100 each of the same ten varieties, 50 in the bag. As each compartment in the box holds easily 50 bulbs, it is convenient to transfer the entire bagful to the proper bin when the latter is empty. This prevents mixtures and loss of bulbs.



Tulip Display Box Holding 500 Bulbs, 50 each of 10 Named Varieties

Counter Space Needed, 13x29 Inches.

The display box with its garden design printed in brilliant colors, occupies very little space on your counter. It is an ornament to any store. It solves the problem of offering bulbs for sale in the retail shop, without danger of mixing varieties, and losing stock.

Varieties in This Offer Illustrated on Back Cover

VAUGHAN'S SEED STORE

47-49 Barclay Street, NEW YORK

601 West Jackson Blvd., CHICAGO

NAME _____ Date _____ 19____
Write very plainly

Post Office..... State.....

**Street, P. O. Box
or Rural Delivery.....**

Express or Freight Office { If different from P. O. } Forward Goods by
(Parcel Post, Express, Freight or Boat)

**(SEND NO CASH OR
CURRENCY UNLESS
REGISTERED)**

AMOUNT ENCLOSED

Money Order \$-----**Draft or Check \$**_____**Postage Stamps\$.....**

Cash - - - \$-----

**Make Money Orders or Checks
Payable to Vaughan's Seed Store**

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

Table of PARCEL POST RATES to different zones, on other side.

Your local postmaster will tell you in which zone you reside as regards NEW YORK or CHICAGO.

Vaughan's Seed Store, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

QUANTITY Do not Abbreviate	NAME OF ARTICLE	SIZE	PRICE	
			Dols.	Cts.
	Cash Discounts on Flower Seeds: On all orders for flower seeds totaling less than			
	\$25.00 5%, and over \$25.00, 8% may be deducted if cash is enclosed.			

(OVER)

VAUGHAN'S SEED STORE

47-49 Barclay Street, NEW YORK

601 West Jackson Blvd., CHICAGO

NAME _____ Date _____ 19____

Write very plainly

Post Office..... State.....

**Street, P. O. Box
or Rural Delivery**

Express or Freight Office { If different }
from P. O.

Forward Goods by.....
(Parcel Post, Express, Freight or Boat)

AMOUNT ENCLOSED

(SEND NO CASH OR CURRENCY UNLESS REGISTERED)

Money Order \$.....**Draft or Check \$**_____**Postage Stamps\$**.....

**Make Money Orders or Checks
Payable to Vaughan's Seed Store**

Cash - - - \$

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

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N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

[illegible]

(OVER)

Wreath and Bouquet Materials

Prepared Leaves, Sprays and Mosses

SPRAY OF RUSCUS



RUSCUS, Red and Green. Dyed EEE grade. Fine holiday decorative article, the red having much the appearance of mammoth *Salvia* blooms. We carry only one grade, and that is the best. Price: Bright scarlet and green, per lb., 75c; 5 lbs. for \$3.25; 10 lbs. for \$6.00; 25 lbs. for \$12.95.

RUSCUS, Metallic. Finished in rich metallic effects of silver, gold, rose gold, silver red, silver green, silver blue, and silver lavender. 1 lb., 85c; 10 lbs. for \$7.50.

STATICE, for Basket and Wreath Work. Natural. 1 lb., 70c; 10 lbs., \$6.00. Colored, Pink, Yellow, Lavender, Red, and Blue. per lb., \$1.35.

GYPSOPHILA (Baby Breath). Pure White Double. Colorado grown. Large fluffy bunches. Per bunch, 70c; 10 bunches for \$6.50; 25 bunches for \$15.00.

COLORADO GYPSOPHILA. Rose Pink, Lavender, Orchid, Green, Yellow, Blue, Gold and Red. Per bunch, \$1.10; 5 bunches for \$5.00.

Sphagnum Moss

Bright, Clean, New Growth, Free From Brush or Grass. Selected Best Grade.

BURLAPPED BALES. (48x14x16 inches) F.O.

B. Wisconsin points, 10-bale lots, per bale, 70c; 25-bale lots, per bale, 60c. Write for prices on moss in large quantities, F. O. B. Woods.

BURLAPPED BALES. (Size as above) F. O. B. Chicago. Single bale, \$1.00; 10 bales. \$8.50; 25 bales \$21.00.

**VAUGHAN'S
CLEAN SPHAGNUM
FOR FLORISTS**

Burlapped Bales

Write for prices on larger quantities.

New York prices 35c bale higher. Cartage free.

SHEET MOSS, Extra fancy green, for Windows, Baskets, etc. Per sack, \$1.25; 5 sacks for \$6.00.

Above prices are subject to change without notice.

MAGNOLIA.

Bronze, Green, Purple. Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color, per carton, \$1.50; 50 lb. case \$10.00; per case of 100 lbs., \$18.75. Red, per carton, \$1.85.



LYCOPODIUM, Prepared and Green Dyed. 5 lb. carton, \$1.25; 10 lb. carton, \$1.95; 100 lbs., \$16.95.

OAK SPRAYS, Short, Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, of 5 lbs. \$1.45; 6 cartons, \$1.35 each.

OAK SPRAYS, Prepared. Large selected branches in Red, Brown and Green. 10 lbs., \$2.25; 25 lb. carton, \$4.35; 50 lb. carton, \$8.50; 100 lbs., \$16.00.

Specify color when ordering

CYCAS LEAVES.

Prices subject to change without notice

Length	Pkg. of 10	100
4 to 8 in.....	\$0.25	\$2.00
8 to 12 in.....	.30	2.25
12 to 16 in.....	.35	2.75
16 to 20 in.....	.40	3.45
20 to 24 in.....	.45	4.00
24 to 28 in.....	.50	4.35
28 to 32 in.....	.60	5.50
32 to 36 in.....	.80	6.50
36 to 40 in.....	.90	7.50
40 to 44 in.....	1.00	8.75
44 to 48 in.....	1.25	10.00

PREPARED LYCOPODIUM WREATHS. The best selling cemetery wreath for the fall. These wreaths are made of the best prepared evergreen and the decorated are beautifully adorned with flowers.

Plain....11 in., doz., \$2.25; 100, \$16.00

"14 in., doz., 4.00; 100, 29.50

Decorated....11 in., doz., 2.75; 100, 21.00

"14 in., doz., 4.75; 100, 32.00

ADIANTUM FERNS, Prepared, Green.

Medium Sprays. Per bunch of 25, \$1.50; per 100, \$5.25.

TIN FOIL. 5, 6 or 7 inch, 1 lb., 22c; 25 lbs., \$5.25; 50 lbs., \$9.95.

Violet or Green Foil.

Per lb., 35c; 10 lbs., \$3.40; 25 lbs., \$8.25.

Aluminum Foil. 6 in.

wide. Plain Silver, 1 lb.

Rolls each, \$1.25; 5 or

more rolls each, \$1.10.

Prices on Tin Foil subject

to change without notice.

IMMORTELLS, Colored.

White, Purple, Bright Scarlet,

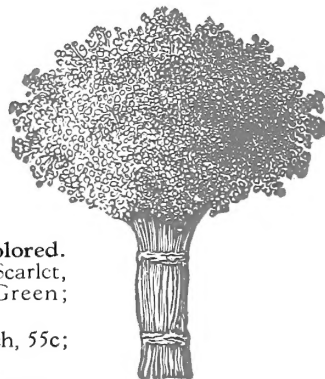
Pink, Blue, Light Green;

bunch 55c; doz., \$5.50.

Natural (Yellow), bunch, 55c;

doz., \$5.50.

Write us for prices in case lots.



Vaughan's Famous Rainbow Garden of Tulips

GOOD PROFIT ON FAST
SELLING LEADER

20 Collections, Vaughan's
Rainbow Garden of Tu-
lips costs you prepaid, \$27.00

Re-sale value at National-
ly Advertised Price of
\$2.00 each, - - - 40.00

Your Profit \$13.00

They Will Bring Buyers Into
Your Store.

AS NATIONALLY ADVERTISED Packed to
Retail 60 Bulbs for \$2.00. Each, \$1.50; **\$1.35**
In Lots of 20 Collections, Each,
Prepaid to 600 Miles of Chicago or New York.

REVEREND EWBANK
(Darwin)

FARNCOMBE
SANDERS
(Darwin)

INGLEScombe
YELLOW
(Cottage)

CLARA BUTT
(Darwin)

BARTIGON
(Darwin)

Your Unexcelled Fall
Leader, retailing at
\$2.00 for 60 No. 2
bulbs, 6 each of the
10 Varieties illus-
trated here, separately
bagged and labeled.
Bartigon, Clara Butt,
Grenadier, Ingles-
combe Yellow, Mme.
Krelage, Orange King,
Philippe de Commes,
Pride of Haarlem,
Sanders, Rev. Ewbank.
Each collection, \$1.50;
10 for \$14.00; 20 for
\$27.00.

Prepaid 600 miles.

PHILIPPE
DE
COMMES
(Darwin)

PRIDE OF HAARLEM
(Darwin)

ORANGE
KING
(Cottage)

(Darwin)
MADAME KRELAGE

GRNADIER
(Cottage)

To meet chain and department
store competition, these
quality Holland tulip bulbs,
true to name, 11 centimeters
(slightly larger than chain store
bulbs) any of the ten excellent
varieties illustrated on this page,
at \$19.50 per 1,000, including cases
and packing.

See inside front cover for our offer
of decorative bulb box and assort-
ment of bulbs for counter sale.

